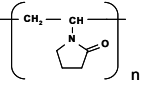


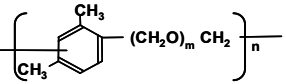
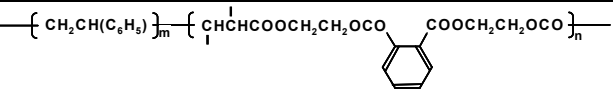
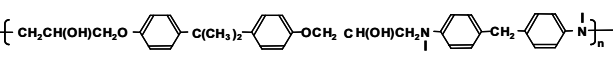
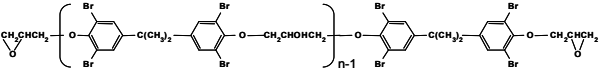
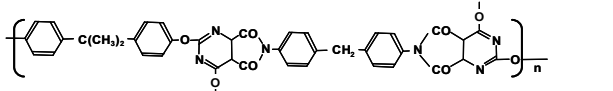
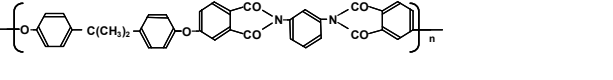
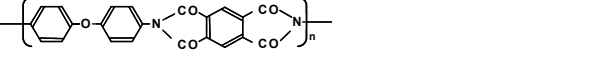
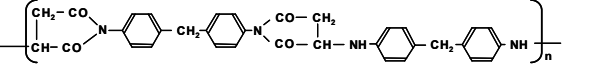
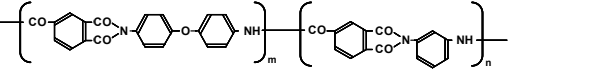


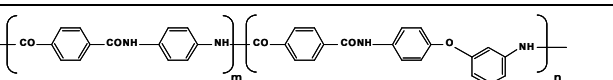
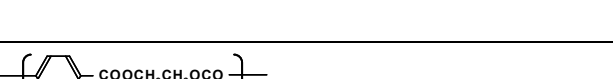
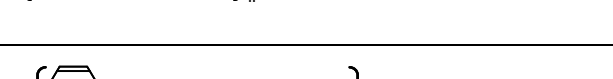
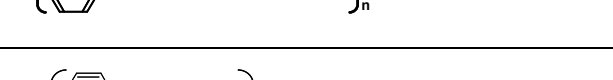
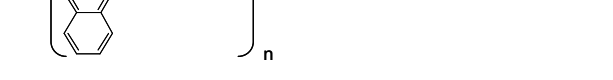
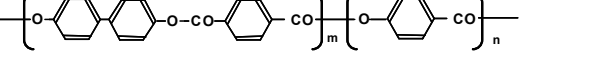
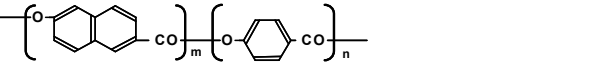
Polymer Library

Entry ID	Name	Structure Formula
FLT-001	Polyethylene (high density) ; PE(HDPE)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$
FLT-002	Polypropylene(isotactic) ; iso-PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$
FLT-003	Polypropylene(atactic) ; at-PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$
FLT-004	Polypropylene (syndiotactic) ; syn-PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$
FLT-005	Polybutene-1 (isotactic)	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}_3) \right\}_n \text{---}$
FLT-006	Poly(4-methyl-1-pentene) ; PMP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_3) \right\}_n \text{---}$
FLT-007	Isobutylene-isoprene rubber; IIR; 1% isoprene	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)_2 \right\}_m \left\{ \text{CH}_2\text{C}(\text{CH}_3) = \text{CHCH}_2 \right\}_n \text{---}$
FLT-008	Ethylene-propylene copolymer ; P (E- P); E40%	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$
FLT-009	Ethylene-propylene diene rubber ; EPDM	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_i \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_m \left\{ \text{X} \right\}_n \text{---}$ X = diene
FLT-010	Ethylene-methyl methacrylate copolymer ; P (E-MMA); MMA13%	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_m \text{---}$
FLT-011	Ethylene-acrylic acid copolymer ; P (E-AA)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{COOH}) \right\}_m \text{---}$
FLT-012	Ethylene-vinyl acetate copolymer ; EVA; VAc 20%	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$
FLT-013	Ethylene-ethyl acrylate copolymer ; P (E-EA); EA 50%	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right\}_n \text{---}$
FLT-014	Ethylene-vinyl alcohol copolymer ; P(E-VA)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{OH}) \right\}_n \text{---}$
FLT-015	Polyethylene ionomer ; IO	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COO}) \right\}_m \text{---}$: : : Zn ...OCO -
FLT-016	Polystyrene ; PS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLT-017	Styrene-methyl acrylate copolymer ; P(S-MA); MA 50%	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{COOCH}_3) \right\}_n \text{---}$
FLT-018	Styrene-methyl acrylate alternating copolymer	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) - \text{CH}_2\text{CH}(\text{COOCH}_3) \right\}_n \text{---}$
FLT-019	Styrene-methyl methacrylate copolymer ; P(S-MMA); MMA 50%	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_m \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_n \text{---}$
FLT-020	Styrene-methyl methacrylate alternating copolymer	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) - \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_n \text{---}$
FLT-021	Methyl methacrylate-butadiene- styrene copolymer ; MBS	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_i \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLT-022	Acrylonitrile styrene copolymer ; AS; AN 50%	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLT-023	Acrylonitrile-styrene alternating copolymer	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CN}) - \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLT-024	Acrylonitrile-butadiene-styrene copolymer ; ABS	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$
FLT-025	Acrylonitrile acrylate styrene copolymer ; AAS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$
FLT-026	Acrylonitrile-EPDM-styrene copolymer ; AES	$\text{---} \left\{ \left\{ \text{CH}_2\text{CH}_2 \right\}_p \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_q \left\{ \text{X} \right\}_r \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$ X = diene

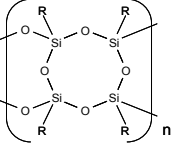
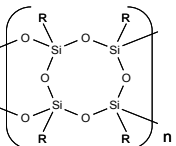
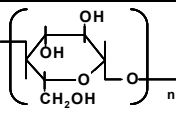
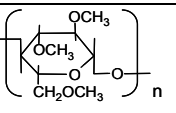
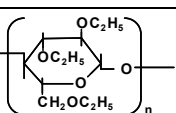
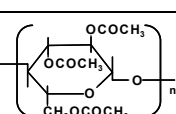
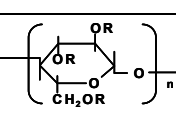
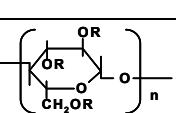
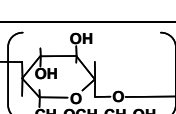
FLT-027	Styrene-maleic anhydride copolymer ; P(S-Mah)	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_m \left[\text{CH}(\text{CO}) \begin{array}{c} \diagup \\ \text{O} \\ \diagdown \end{array} \text{CH}(\text{CO}) \right]_n$
FLT-028	Styrene-divinylbenzene copolymer ; P(S-DVB); DVD 4.4%, ES 3.6%	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_1 \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_4) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_2\text{CH}_3) \right]_n$ $\quad \quad \quad $ $\quad \quad \quad \text{— CHCH}_2 \text{—}$
FLT-029	Poly(alpha-methylstyrene) ; P-alpha-MS	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{C}_6\text{H}_5) \right]_n$
FLT-030	Polymethylstyrene ; PMS	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_3) \right]_n$
FLT-031	Poly(p-chlorostyrene)	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{Cl}) \right]_n$
FLT-032	Poly(p-methylstyrene) ; PMS	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_3) \right]_n$
FLT-033	Poly(2-vinylpyridine)	$\left[\text{CH}_2\text{CH}(\text{C}_5\text{H}_4\text{N}) \right]_n$
FLT-034	Acrylonitrile-p-chlorostyrene copolymer	$\left[\text{CH}_2\text{CH}(\text{CN}) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{Cl}) \right]_n$
FLT-035	Chloromethylated styrene-divinylbenzene copolymer; DVB 8%	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_1 \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_4) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_2\text{Cl}) \right]_n$ $\quad \quad \quad $ $\quad \quad \quad \text{— CHCH}_2 \text{—}$
FLT-036	Poly(methyl methacrylate) ; PMMA	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right]_n$
FLT-037	Poly(n-butyl methacrylate) ; PBMA	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_4\text{H}_9) \right]_n$
FLT-038	Poly(2-hydroxyethyl methacrylate) ; PHEMA	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_2\text{CH}_2\text{OH}) \right]_n$
FLT-039	Poly(methyl acrylate) ; PMA	$\left[\text{CH}_2\text{CH}(\text{COOCH}_3) \right]_n$
FLT-040	Poly(ethyl acrylate) ; PEA	$\left[\text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right]_n$
FLT-041	Poly(butyl acrylate) ; PBA	$\left[\text{CH}_2\text{CH}(\text{COOC}_4\text{H}_9) \right]_n$
FLT-042	Poly(acrylic acid) ; PAA	$\left[\text{CH}_2\text{CH}(\text{COOH}) \right]_n$
FLT-043	Methyl methacrylate-methyl acrylate copolymer ; P(MMA-MA); MA 10%	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right]_m \left[\text{CH}_2\text{CH}(\text{COOCH}_3) \right]_n$
FLT-044	Higher methacrylate copolymer	$\left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOR}) \right]_n$ $\text{R}=\text{C}_1, \text{C}_{12}, \text{C}_{16}, \text{C}_{18}$
FLT-045	Acrylic rubber ; ACM	$\left[\text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right]_1 \left[\text{CH}_2\text{CH}(\text{COOC}_4\text{H}_9) \right]_m \left[\text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5\text{OCH}_3) \right]_n$
FLT-046	Polyacrylonitrile ; PAN	$\left[\text{CH}_2\text{CH}(\text{CN}) \right]_n$
FLT-047	Acrylonitrile-methyl acrylate copolymer; AN 46%	$\left[\text{CH}_2\text{CH}(\text{CN}) \right]_m \left[\text{CH}_2\text{CH}(\text{COOCH}_3) \right]_n$
FLT-048	Polyacrylamide ; PAAM	$\left[\text{CH}_2\text{CH}(\text{CONH}_2) \right]_n$
FLT-049	Poly(maleic anhydride) ; PMAh (Maleic acid)	$\left[\text{CH}(\text{CO}) \begin{array}{c} \diagup \\ \text{O} \\ \diagdown \end{array} \text{CH}(\text{CO}) \right]_n$
FLT-050	Poly(vinyl chloride) ; PVC	$\left[\text{CH}_2\text{CHCl} \right]_n$
FLT-051	Vinyl chloride-vinylidene chloride copolymer ; P(VC-VdC)	$\left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CCl}_2 \right]_n$
FLT-052	Chlorinated poly(vinyl chloride) ; CPVC; HCl 66wt%	$\left[\text{CH}_2\text{CHCl} \right]_1 \left[\text{CHClCHCl} \right]_m \left[\text{CH}_2\text{CCl}_2 \right]_n$

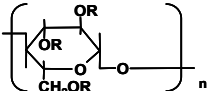
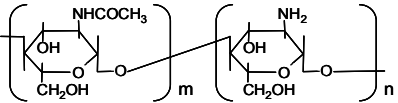
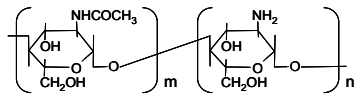
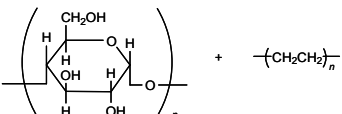
FLT-053	Chlorinated polyethylene ; CM; HCl 30%	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CHCl}\right\}_n\text{---}$
FLT-054	Vinyl chloride-vinyl acetate copolymer ; P(VC-VAc); VAc 12%	$\text{---}\left\{\text{CH}_2\text{CHCl}\right\}_m\left\{\text{CH}_2\text{CH}(\text{OCOCH}_3)\right\}_n\text{---}$
FLT-055	Chlorosulfonated polyethylene ; CSM	$\text{---}\left\{\text{CH}_2\text{CHCl}\right\}_1\left\{\text{CH}(\text{SO}_2\text{Cl})\right\}_m\left\{\text{CHCl}\right\}_n\text{---}$
FLT-056	Acrylonitrile-vinyl chloride copolymer ; P(AN-VC); AN 50%	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_m\left\{\text{CH}_2\text{CHCl}\right\}_n\text{---}$
FLT-057	Acrylonitrile-vinyl chloride alternating copolymer	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CN})\text{-CH}_2\text{CHCl}\right\}_n\text{---}$
FLT-058	Methyl acrylate-vinyl chloride copolymer ; P(MA-VC); MA 50%	$\text{---}\left\{\text{CH}_2\text{CH}(\text{COOCH}_3)\right\}_m\left\{\text{CH}_2\text{CHCl}\right\}_n\text{---}$
FLT-059	Methyl acrylate-vinyl chloride alternating copolymer	$\text{---}\left\{\text{CH}_2\text{CH}(\text{COOCH}_3)\text{-CH}_2\text{CHCl}\right\}_n\text{---}$
FLT-060	Polytetrafluoroethylene ; PTFE	$\text{---}\left\{\text{CF}_2\text{CF}_2\right\}_n\text{---}$
FLT-061	Tetrafluoroethylene-hexafluoropropylene copolymer ; FEP	$\text{---}\left\{\text{CF}_2\text{CF}_2\right\}_m\left\{\text{CF}_2\text{CF}(\text{CF}_3)\right\}_n\text{---}$
FLT-062	Polychlorotrifluoroethylene ; PCTFE	$\text{---}\left\{\text{CF}_2\text{CFCl}\right\}_n\text{---}$
FLT-063	Poly (vinyl fluoride) ; PVF	$\text{---}\left\{\text{CH}_2\text{CHF}\right\}_n\text{---}$
FLT-064	Poly(vinylidene fluoride) ; PVDF	$\text{---}\left\{\text{CF}_2\text{CH}_2\right\}_n\text{---}$
FLT-065	Vinylidene fluoride-hexafluoropropylene rubber; HFP 23%, TEF 21%	$\text{---}\left\{\text{CF}_2\text{CF}_2\right\}_1\left\{\text{CF}_2\text{CF}(\text{CF}_3)\right\}_m\left\{\text{CF}_2\text{CH}_2\right\}_n\text{---}$
FLT-066	Propylene-tetrafluoroethylene rubber	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_m\left\{\text{CF}_2\text{CF}_2\right\}_n\text{---}$
FLT-067	Poly(vinyl alcohol) ; PVA	$\text{---}\left\{\text{CH}_2\text{CH}(\text{OH})\right\}_n\text{---}$
FLT-068	Poly (vinyl butylal) ; PVB	$\text{---}\left\{\text{CH}_2\text{CHCH}_2\text{CH}\right\}_n\text{---}$ $\begin{array}{c} \text{O} \quad \text{O} \\ \quad \\ \text{---CH---} \\ \\ \text{C}_3\text{H}_7 \end{array}$
FLT-069	Poly(vinyl acetate) ; PVAc	$\text{---}\left\{\text{CH}_2\text{CH}(\text{OCOCH}_3)\right\}_n\text{---}$
FLT-070	Polyvinylpyrrolidone	$\left(\text{CH}_2\text{---}\text{CH}\right)_n$ 
FLT-071	High cis-butadiene rubber ; BR	$\text{---}\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_n\text{---}$
FLT-072	Poly(1,2-butadiene)	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2)\right\}_n\text{---}$
FLT-073	Natural rubber ; NR	$\text{---}\left\{\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2\right\}_n\text{---}$
FLT-074	Chloroprene rubber ; CR	$\text{---}\left\{\text{CH}_2\text{CCl}=\text{CHCH}_2\right\}_n\text{---}$
FLT-075	Hydrogenated natural rubber	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\right\}_n\text{---}$
FLT-076	Acrylonitrile-butadiene rubber ; NBR	$\text{---}\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_1\left\{\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2)\right\}_m\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_n\text{---}$
FLT-077	Hydrogenated acrylonitrile-butadiene rubber	$\text{---}\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_1\left\{\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_2\text{H}_5)\right\}_n\left\{\text{CH}_2\text{CH}(\text{CN})\right\}_o\text{---}$
FLT-078	Polynorbomene	$\text{---}\left\{\text{CHCH}_2\text{CHCH}=\text{CH}\right\}_n\text{---}$ $\begin{array}{c} \diagdown \\ \text{CH}_2\text{CH}_2 \end{array}$
FLT-079	Styrene-butadiene rubber ; SBR	$\text{---}\left\{\text{CH}_2\text{CH}=\text{CHCH}_2\right\}_m\left\{\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\right\}_n\text{---}$

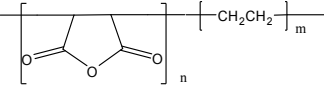
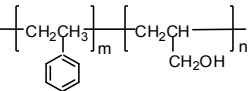
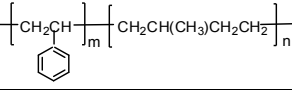
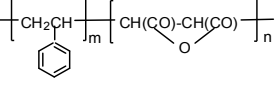
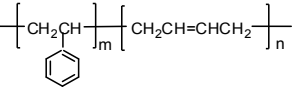
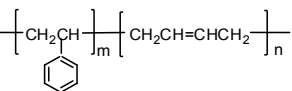
FLT-080	Styrene-butadiene-styrene-block copolymer ; SBS(TPS)	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_m \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_o \text{---}$
FLT-081	Styrene-ethylene-butadiene-styrene-block copolymer	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_1 \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_o \text{---}$
FLT-082	Polycaproamide ; nylon-6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_5\text{CO} \right\}_n \text{---}$
FLT-083	Polyundecanoamide ; nylon-11	$\text{---} \left\{ (\text{CH}_2)_{10}\text{CONH} \right\}_n \text{---}$
FLT-084	Polylauroamide ; nylon-12	$\text{---} \left\{ (\text{CH}_2)_{11}\text{CONH} \right\}_n \text{---}$
FLT-085	Nylon 4.6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_4\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$
FLT-086	Polyhexamethylenedipamide ; nylon-6.6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$
FLT-087	Polyhexamethylenecebacamide ; nylon-6.10	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_8\text{CO} \right\}_n \text{---}$
FLT-088	Polydodecamethylenedipamide ; nylon-12.6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_{12}\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$
FLT-089	Caproamide-hexamethylenedipamide copolymer; Nylon-6/66	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{CO} \right\}_m \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$
FLT-090	Poly(m-xylylene adipamide) ; nylon-MXD6	$\text{---} \left\{ \text{NHCH}_2 \text{---} \text{C}_6\text{H}_4 \text{---} \text{CH}_2\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$
FLT-091	Polyoxymethylene ; POM	$\text{---} \left\{ \text{CH}_2\text{O} \right\}_n \text{---}$
FLT-092	Polyoxymethylene(copolymer)	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_m \left\{ \text{CH}_2\text{O} \right\}_n \text{---}$
FLT-093	Poly(ethylene oxide)	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_n \text{---}$
FLT-094	Epichlorohydrin rubber ; CHR	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O} \right\}_n \text{---}$
FLT-095	Epichlorohydrin-ethylene oxide rubber ; CHC	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O} \right\}_m \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_n \text{---}$
FLT-096	Phenol formaldehyde resin (Novolak) ; PF	$\text{---} \left\{ \text{C}_6\text{H}_3(\text{OH})(\text{CH}_2) \right\}_n \text{---}$
FLT-097	Phenol formaldehyde resin (Resol) ; PF	$\text{---} \left\{ \text{C}_6\text{H}_4(\text{OH})(\text{CH}_2) \right\}_n \text{---}$
FLT-098	Cresol formaldehyde resin (Novolak)	$\text{---} \left\{ \text{C}_6\text{H}_3(\text{CH}_3)(\text{OH})(\text{CH}_2) \right\}_n \text{---}$
FLT-099	Diallyl phthalate resin ; DAP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{OCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH}_2) \right\}_n \text{---}$
FLT-100	Polyethyleneglycol bisallylcarbonate ; CR-39	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{OCO} \text{---} \text{CH}_2\text{CH}_2\text{OCH}_2\text{OCO} \text{---} \text{CH}_2\text{CH}_2) \right\}_n \text{---}$
FLT-101	Urea formaldehyde resin ; UF	$\text{---} \left\{ \text{CH}_2\text{N}(\text{C})\text{CON}(\text{C})\text{CH}_2 \right\}_n \text{---}$
FLT-102	Melamine formaldehyde resin ; MF	$\text{---} \left\{ \text{CH}_2\text{N}(\text{C})\text{N}(\text{C})\text{N}(\text{C})\text{N}(\text{C})\text{CH}_2 \right\}_n \text{---}$

FLT-103	Xylene resin	
FLT-104	Unsaturated polyester ; UP	
FLT-105	Epoxy resin ; EP	
FLT-106	Brominated epoxy resin	
FLT-107	Bismaleimide triazine resin ; BT resin	
FLT-108	Polyetherimide ; PEI	
FLT-109	Polypyromellitimide ; PI	
FLT-110	Polyaminobismaleimide ; PABM	
FLT-111	Polyamideimide ; PAI	
FLT-112	Poly-p-phenyleneterephthalamide	
FLT-113	Poly-m-phenyleneisophthalamide	
FLT-114	Poly(p-phenylene/3,4-diphenylene ether terephthalamide)	
FLT-115	Poly(ethylene terephthalate) ; PET	
FLT-116	Poly(butylene terephthalate) ; PBT	
FLT-117	Polyethylenenaphthalate	
FLT-118	Poly(p-hydroxybenzoic acid) ; POB	
FLT-119	Poly(p-hydroxybenzoic acid) ; POB	
FLT-120	Polyarylate ; PAR	

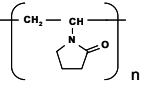
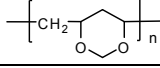
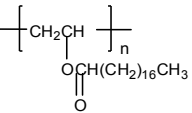
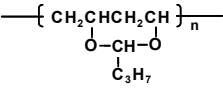
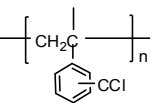
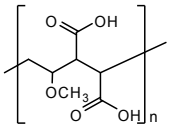
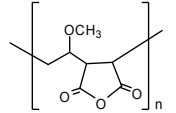
FLT-121	Poly-1,4-cyclohexanedimethyleneterephthalate	
FLT-122	Poly(lactic acid)	$\left[\text{CH}(\text{CH}_3)\text{COO} \right]_n$
FLT-123	Polycaprolactone	
FLT-124	Poly (butylenes adipate / succinate)	$\left[\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_2\text{CO} \right]_l \left[\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_4\text{CO} \right]_m \left[\text{O}(\text{CH}_2)_4\text{CONH}(\text{CH}_2)_6\text{NHCO} \right]_n$
FLT-125	Polyhydroxybutyrate	$\text{H} \left[\text{OCHCH}_2\text{CH}_2\text{CO} \right]_n \text{OH}$
FLT-126	Poly(butylenes succinate/carbonate) ; PEC	$\left[\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_2\text{CO} - / - \text{O}(\text{CH}_2)_4 - \text{OCO} \right]_n$
FLT-127	Polycarbonate(melt method) ; MM-PC	
FLT-128	Polycarbonate (solvent method) ; SM-PC	
FLT-129	Bisphenol Z polycarbonate	
FLT-130	Polycarbonate (thermally stabilized)	
FLT-131	Brominated Polycarbonate	
FLT-132	Polysulfone ; PSF	
FLT-133	Poly(phenylene oxide) ; PPO	
FLT-134	Modified poly(phenylene oxide) ; modified PPO	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_m + \left[\text{C}_6\text{H}_3(\text{CH}_3)_2\text{O} \right]_n$
FLT-135	Polyethersulfone ; PESF	
FLT-136	Poly(ether ether ketone) ; PEEK	
FLT-137	Poly(phenylene sulfide) ; PPS	
FLT-138	Polyarylethernitrile	

FLT-139	Polydimethylsiloxane ; PDMS	$\text{---} \left[\text{Si}(\text{CH}_3)_2\text{-O} \right]_n \text{---}$
FLT-140	Poly(methylphenylsiloxane) ; PMPS	$\text{---} \left[\text{Si}(\text{CH}_3)(\text{C}_6\text{H}_5)\text{-O} \right]_n \text{---}$
FLT-141	Dimethylsiloxane-methylphenylsiloxane copolymer	$\text{---} \left[\text{Si}(\text{CH}_3)_2\text{-O} \right]_m \left[\text{Si}(\text{CH}_3)(\text{C}_6\text{H}_5)\text{-O} \right]_n \text{---}$
FLT-142	Polymethylsilsesquioxane	 R=CH ₃
FLT-143	Polymethyl-phenylsilsesquioxane	 R = CH ₃ (20%) C ₆ H ₅ (80%)
FLT-144	TDI-polyester polyurethane ; PU (TDI)	$\text{---} \left[\text{CONHC}_6\text{H}_3(\text{CH}_3)\text{NHCO}(\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_4\text{CO})_m \text{O}(\text{CH}_2)_4\text{O} \right]_n \text{---}$
FLT-145	TDI-polyether polyurethane ; PU	$\text{---} \left[\text{CONHC}_6\text{H}_3(\text{CH}_3)\text{NHCO}(\text{O}(\text{CH}_2)_4\text{O})_m \right]_n \text{---}$
FLT-146	MDI-polylactone polyurethane ; PU	$\text{---} \left[\text{CONHC}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4\text{NHCO}(\text{O}(\text{CH}_2)_5\text{CO})_m \text{O}(\text{CH}_2)_4\text{O} \right]_n \text{---}$
FLT-147	Urethane rubber ; U	$\text{---} \left[\text{CONHC}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4\text{NHCO}(\text{O}(\text{CH}_2)_2\text{OCO}(\text{CH}_2)_4\text{CO})_m \text{O}(\text{CH}_2)_2\text{O} \right]_n \text{---}$
FLT-148	Cellulose	
FLT-149	Methyl cellulose	
FLT-150	Ethyl cellulose	
FLT-151	Cellulose acetate ; CA	
FLT-152	Cellulose acetate propionate (DBP: Additives)	 R=COCH ₃ or COC ₂ H ₅
FLT-153	Cellulose acetate butyrate ; CAB	 R=COCH ₃ or COC ₃ H ₇
FLT-154	Hydroxyethyl cellulose	

FLT-155	Carboxymethyl cellulose	 $\left[\begin{array}{c} \text{OR} \\ \\ \text{C} \\ \\ \text{OR} \\ \\ \text{CH}_2\text{OR} \end{array} \right]_n$ <p>R=H or CH₂COONa</p>
FLT-156	Glue	
FLT-157	Shellac	
FLT-158	Chitin	 $\left[\begin{array}{c} \text{NHCOCH}_3 \\ \\ \text{C} \\ \\ \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array} \right]_m \left[\begin{array}{c} \text{NH}_2 \\ \\ \text{C} \\ \\ \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array} \right]_n$ <p>m : n = 70 : 30</p>
FLT-159	Chitosan	 $\left[\begin{array}{c} \text{NHCOCH}_3 \\ \\ \text{C} \\ \\ \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array} \right]_m \left[\begin{array}{c} \text{NH}_2 \\ \\ \text{C} \\ \\ \text{OH} \\ \\ \text{CH}_2\text{OH} \end{array} \right]_n$ <p>m : n = 10 : 90</p>
FLT-160	Ivory	
FLT-161	Synthetic Lignin	
FLT-162	Wood Powder	
FLT-163	Gluten	
FLT-164	Polysulfide rubber ; T	$\left[\text{CH}_2\text{CH}_2\text{OCH}_2\text{OCH}_2\text{CH}_2\text{SS} \right]_n$
FLT-165	Novon	 $\left[\begin{array}{c} \text{CH}_2\text{OH} \\ \\ \text{H} \\ \\ \text{C} \\ \\ \text{OH} \\ \\ \text{H} \end{array} \right]_n + \left[\text{CH}_2\text{CH}_2 \right]_n$

Entry ID	Name	Structure Formula
FLG-001	Polyethylene (high density) ; PE(HDPE)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$
FLG-002	Ethylene-acrylic acid copolymer, 20% acrylic acid ; P(E-AA)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{COOH}) \right\}_m \text{---}$
FLG-003	Ethylene-maleic anhydride copolymer	
FLG-004	Ethylene-propylene copolymer, 60% ethylene ; P(E-P)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$
FLG-005	Ethylene-vinyl acetate copolymer, 14% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$
FLG-006	Ethylene-vinyl acetate copolymer, 18% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$
FLG-007	Ethylene-vinyl acetate copolymer, 25% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$
FLG-008	Ethylene-vinyl acetate copolymer, 28% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$
FLG-009	Ethylene-vinyl acetate copolymer, 33% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$
FLG-010	Ethylene-vinyl acetate copolymer, 40% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$
FLG-011	Polyethylene, oxidized ; Acid number 15mg/KOH/g	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$
FLG-051	Polypropylene(isotactic) ; iso-PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$
FLG-052	Polypropylene, chlorinated	$\text{---} \left[\text{CH}_2\text{CHR} \right]_n \text{---}$ R: H or Cl
FLG-053	Polybutene-1 (isotactic)	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}_3) \right\}_n \text{---}$
FLG-054	Poly(4-methyl-1-pentene) ; PMP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_3) \right\}_n \text{---}$
FLG-101	Polystyrene ; PS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLG-102	Styrene-allyl alcohol copolymer 5.4-6.0% hydroxyl	
FLG-103	Styrene-isoprene copolymer ABA block, 14% styrene	
FLG-104	Styrene-maleic anhydride copolymer 50/50 copolymer ; P(S-Mah)	
FLG-105	Styrene-butadiene copolymer ABA block, 30% styrene	
FLG-106	Styrene-butadiene copolymer ABA block, 85% styrene	
FLG-107	Acrylonitrile styrene copolymer, 20% acrylonitrile ; AS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLG-108	Acrylonitrile styrene copolymer, 25% acrylonitrile ; AS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$

FLG-109	Acrylonitrile styrene copolymer, 32% acrylonitrile ; AS	$\text{---} \left[\text{CH}_2\text{CH}(\text{CN}) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n \text{---}$
FLG-110	Acrylonitrile-butadiene-styrene copolymer ; ABS	$\text{---} \left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_x \left\{ \left[\text{CH}_2\text{CH}(\text{CN}) \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n \right\}_y \text{---}$
FLG-151	Poly(methylstyrene) ; PMS	$\text{---} \left[\text{CH}_2\text{C}(\text{CH}_3)(\text{C}_6\text{H}_5) \right]_n \text{---}$
FLG-201	Polyacrylamide ; PAAm	$\text{---} \left[\text{CH}_2\text{CH}(\text{CONH}_2) \right]_n \text{---}$
FLG-202	Polyacrylamide, carboxyl modified Low carboxyl content	$\text{---} \left[\text{CH}_2\text{CH}_2(\text{COOH}) \right]_m \left[\text{CH}_2\text{CH}_2(\text{CONH}_2) \right]_n \text{---}$
FLG-203	Polyacrylamide, carboxyl modified High carboxyl content	$\text{---} \left[\text{CH}_2\text{CH}_2(\text{COOH}) \right]_m \left[\text{CH}_2\text{CH}_2(\text{CONH}_2) \right]_n \text{---}$
FLG-204	Poly(acrylic acid) ; PAA	$\text{---} \left[\text{CH}_2\text{CH}(\text{COOH}) \right]_n \text{---}$
FLG-205	Poly(n-butyl methacrylate) ; PBMA	$\text{---} \left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_4\text{H}_9) \right]_n \text{---}$
FLG-206	Poly(ethyl methacrylate)	$\text{---} \left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_2\text{H}_5) \right]_n \text{---}$
FLG-207	Poly(isobutyl methacrylate)	$\text{---} \left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_2\text{CH}(\text{CH}_3)_2) \right]_n \text{---}$
FLG-208	Poly(methyl methacrylate) ; PMMA	$\text{---} \left[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right]_n \text{---}$
FLG-209	Poly(benzyl methacrylate)	$\text{---} \left[\text{CH}_2\text{C} \begin{array}{l} \\ \text{COOCH}_2\text{C}_6\text{H}_5 \end{array} \right]_n \text{---}$
FLG-210	Poly sec-butyl methacrylate	$\text{---} \left[\text{CH}_2\text{C} \begin{array}{l} \\ \text{COOCH}(\text{CH}_3)\text{CH}_2\text{CH}_3 \end{array} \right]_n \text{---}$
FLG-211	Butyl methacrylate-isobutyl methacrylate copolymer	$\text{---} \left[\text{CH}_2\text{CH}(\text{CH}_3)\text{COO}(\text{CH}_2)_4 \right]_n \left[\text{CH}_2\text{CH}(\text{CH}_3)\text{COOCH}_2\text{CH}_2(\text{CH}_3)\text{CH}_2 \right]_m \text{---}$
FLG-251	Poly(vinyl chloride) ; PVC	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_n \text{---}$
FLG-252	Poly(vinyl chloride), carboxylated, 1.8% carboxyl	$\text{---} \left[\text{CH}_2\text{CHR} \right]_n \text{---}$ R: Cl or COOH
FLG-253	Polyethylene, chlorosulfonated ; CSM	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_l \left[\text{CH}(\text{SO}_2\text{Cl}) \right]_m \left[\text{CHCl} \right]_n \text{---}$
FLG-254	Vinylidene chloride-vinyl chloride copolymer, 5% vinylidene chloride ; P(VC-VdC)	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CCl}_2 \right]_n \text{---}$
FLG-255	Vinylidene chloride-acrylonitrile copolymer, 20% acrylonitrile	$\text{---} \left[\text{CCl}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{CN}) \right]_n \text{---}$
FLG-256	Vinyl chloride-vinyl acetate copolymer, carboxylated 83% vinyl chloride, 13% vinyl acetate, 1% carboxyl	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_m \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n \text{---}$
FLG-257	Vinyl chloride-vinyl acetate-vinyl alcohol terpolymer, 80% vinyl chloride, 5% vinyl acetate	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_l \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \left[\text{CH}_2\text{CH}(\text{OH}) \right]_n \text{---}$
FLG-258	Vinyl chloride-vinyl acetate-vinyl alcohol terpolymer, 91% vinyl chloride, 6% vinyl acetate	$\text{---} \left[\text{CH}_2\text{CHCl} \right]_l \left[\text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \left[\text{CH}_2\text{CH}(\text{OH}) \right]_n \text{---}$
FLG-260	Polyethylene, chlorinated, 36% chlorine	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CHCl} \right]_n \text{---}$
FLG-261	Polyethylene, chlorinated, 42% chlorine	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CHCl} \right]_n \text{---}$
FLG-262	Polyethylene, chlorinated, 48% chlorine	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CHCl} \right]_n \text{---}$

FLG-263	Vinyl chloride-vinyl acetate copolymer, 2% vinyl acetate ; P(VC-VAc)	$\text{---}\left\{\text{CH}_2\text{CHCl}\right\}_m\left\{\text{CH}_2\text{CH}(\text{OCOCH}_3)\right\}_n\text{---}$
FLG-264	Vinyl chloride-vinyl acetate copolymer, 10% vinyl acetate ; P(VC-VAc)	$\text{---}\left\{\text{CH}_2\text{CHCl}\right\}_m\left\{\text{CH}_2\text{CH}(\text{OCOCH}_3)\right\}_n\text{---}$
FLG-265	Vinyl chloride-vinyl acetate copolymer, 12% vinyl acetate ; P(VC-VAc)	$\text{---}\left\{\text{CH}_2\text{CHCl}\right\}_m\left\{\text{CH}_2\text{CH}(\text{OCOCH}_3)\right\}_n\text{---}$
FLG-266	Vinyl chloride-vinyl acetate copolymer, 17% vinyl acetate ; P(VC-VAc)	$\text{---}\left\{\text{CH}_2\text{CHCl}\right\}_m\left\{\text{CH}_2\text{CH}(\text{OCOCH}_3)\right\}_n\text{---}$
FLG-301	Poly(vinyl fluoride) ; PVF	$\text{---}\left\{\text{CH}_2\text{CHF}\right\}_n\text{---}$
FLG-302	Polytetrafluoroethylene ; PTFE	$\text{---}\left\{\text{CF}_2\text{CF}_2\right\}_n\text{---}$
FLG-303	Poly(vinylidene fluoride) ; PVDF	$\text{---}\left\{\text{CF}_2\text{CH}_2\right\}_n\text{---}$
FLG-354	Polyvinylpyrrolidone ; PVP	
FLG-351	Poly(vinyl acetate) ; PVAc	$\text{---}\left\{\text{CH}_2\text{CH}(\text{OCOCH}_3)\right\}_n\text{---}$
FLG-353	Poly(vinyl formal)	
FLG-355	Poly(vinyl stearate)	
FLG-361	Poly(vinyl alcohol), 99.7% hydrolyzed ; PVA	$\text{---}\left\{\text{CH}_2\text{CH}(\text{OH})\right\}_n\text{---}$
FLG-362	Poly(vinyl alcohol), 88% hydrolyzed ; PVA	$\text{---}\left\{\text{CH}_2\text{CH}(\text{OH})\right\}_n\text{---}$
FLG-352	Poly(vinyl butylal) ; PVB	
FLG-356	Vinyl alcohol-vinyl butyral copolymer, 80% vinyl butyral	$\text{---}\left\{\text{CH}_2\text{CH}(\text{OH})\right\}_m\left\{\text{CH}_2\text{CH}\left(\text{O}-\text{CH}\left(\text{CH}_2\right)_2\text{CH}_3\right)\right\}_n\text{---}$
FLG-357	N-vinyl pyrrolidone-vinylacetate copolymer, 60/40 copolymer	$\text{---}\left\{\text{CH}_2\text{CH}\left(\text{N}-\text{CH}_2\right)\right\}_m\left\{\text{CH}_2\text{CH}(\text{OCOCH}_3)\right\}_n\text{---}$
FLG-358	Poly vinyl benzyl chloride (60/40mixture of m- & p- isomer)	
FLG-359	Methyl vinyl ether-maleic acid 50/50 copolymer	
FLG-360	Methyl vinyl ether-maleic anhydride 50/50 copolymer	
FLG-401	Polyisoprene, chlorinated	$\text{---}\left\{\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2\right\}_n\text{---}$ chlorinated
FLG-451	Polycaproamide ; nylon-6	$\text{---}\left\{\text{NH}(\text{CH}_2)_5\text{CO}\right\}_n\text{---}$

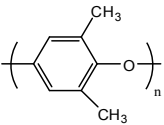
FLG-452	Polyhexamethylene adipamide ; nylon-6.6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$
FLG-453	Polyhexamethylene nonanediamide ; nylon-6.9	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_7\text{CO} \right\}_n \text{---}$
FLG-454	Polyhexamethylenecebacamide ; nylon-6.10	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_8\text{CO} \right\}_n \text{---}$
FLG-455	Polyhexamethylene dodecanediamide ; nylon-6.12	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_{10}\text{CH} \right\}_n \text{---}$
FLG-456	Polytrimethyl hexamethylene terephthalamide ; nylon-6(3)/T	$\text{---} \left\{ \text{NH}(\text{CH}_2)_2\text{CH}_2\text{C} \begin{array}{c} \\ \text{---} \\ \end{array} \text{CH}_2\text{C} \begin{array}{c} \\ \text{---} \\ \end{array} \text{NHCHO} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{CO} \right\}_n \text{---}$
FLG-457	Polyundecanoamide ; nylon-11	$\text{---} \left\{ (\text{CH}_2)_{10}\text{CONH} \right\}_n \text{---}$
FLG-458	Polylauroamide ; nylon-12	$\text{---} \left\{ (\text{CH}_2)_{11}\text{CONH} \right\}_n \text{---}$
FLG-501	Polyoxymethylene ; POM	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_m \left\{ \text{CH}_2\text{O} \right\}_n \text{---}$
FLG-502	Poly(ethylene oxide)	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_n \text{---}$
FLG-551	Poly(diallyl isophthalate)	$\text{---} \left[\text{CHCH}_2\text{O} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{COOCH}_2\text{CH} \right]_n \text{---}$
FLG-552	Poly(diallyl phthalate) resin ; DAP	$\text{---} \left[\text{CH}_2\text{CH} \begin{array}{c} \\ \text{---} \\ \end{array} \text{CH}_2\text{OCO} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{COOCH}_2\text{CH} \begin{array}{c} \\ \text{---} \\ \end{array} \text{CH}_2 \right]_n \text{---}$
FLG-601	Polyimide(bensophenone tetracarboxylic anhydride/phenyl diisocyanate)	$\text{---} \left[\text{N} \begin{array}{c} \diagup \\ \text{C} \\ \diagdown \end{array} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{C} \begin{array}{c} \diagup \\ \text{C} \\ \diagdown \end{array} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{C} \begin{array}{c} \diagup \\ \text{C} \\ \diagdown \end{array} \text{---} \text{N} \begin{array}{c} \diagdown \\ \text{C} \\ \diagup \end{array} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \right]_n \text{---}$
FLG-651	Poly(butylene terephthalate) ; PBT	$\text{---} \left[\langle \text{C}_6\text{H}_4 \rangle \text{---} \text{COOCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OCO} \right]_n \text{---}$
FLG-652	Polycaprolactone	$\left[(\text{CH}_2)_5\text{COO} \right]_n$
FLG-653	Poly(1,4-cyclohexanedimethylene terephthalate)	$\text{---} \left[\text{OCO} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{COOCH}_2 \text{---} \langle \text{C}_6\text{H}_{10} \rangle \text{---} \text{CH}_2 \right]_n \text{---}$
FLG-654	Poly(ethylene terephthalate) ; PET	$\text{---} \left[\langle \text{C}_6\text{H}_4 \rangle \text{---} \text{COOCH}_2\text{CH}_2\text{OCO} \right]_n \text{---}$
FLG-701	Phenoxy resin	$\text{---} \left[\text{O} \begin{array}{c} \diagup \\ \text{C} \\ \diagdown \end{array} \text{---} \text{CH}_2 \text{---} \left[\text{O} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{OCH}_2\text{C} \begin{array}{c} \\ \text{---} \\ \end{array} \text{CCH}_2 \right]_n \text{---} \text{O} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{OCH}_2 \text{---} \text{O} \begin{array}{c} \diagup \\ \text{C} \\ \diagdown \end{array} \right]_n \text{---}$
FLG-702	Polycarbonate	$\text{H} \text{---} \left[\text{O} \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{C}(\text{CH}_3)_2 \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{OCO} \right]_n \text{---} \langle \text{C}_6\text{H}_5 \rangle$
FLG-703	Poly(phenylene oxide) ; PPO	$\text{---} \left[\langle \text{C}_6\text{H}_2(\text{CH}_3)_2 \rangle \text{---} \text{O} \right]_n \text{---}$
FLG-704	Poly(4,4-dipropoxy-2,2-diphenyl propane fumarate)	$\text{---} \left[\text{COOCH}_2\text{C} \begin{array}{c} \\ \text{---} \\ \end{array} \text{CH}_2\text{OCOCH}=\text{CH} \right]_n \text{---}$ $\begin{array}{c} \text{OCH}_2\text{CH}_2\text{CH}_3 \\ \\ \langle \text{C}_6\text{H}_4 \rangle \\ \\ \text{C} \\ \\ \langle \text{C}_6\text{H}_4 \rangle \\ \\ \text{OCH}_2\text{CH}_2\text{CH}_3 \end{array}$
FLG-705	Polyethersulfone ; PESF	$\text{---} \left[\langle \text{C}_6\text{H}_4 \rangle \text{---} \text{SO}_2 \text{---} \langle \text{C}_6\text{H}_4 \rangle \text{---} \text{O} \right]_n \text{---}$
FLG-706	Poly(phenylene sulfide) ; PPS	$\text{---} \left[\langle \text{C}_6\text{H}_4 \rangle \text{---} \text{S} \right]_n \text{---}$

FLG-707	Polysulfone ; PSF	
FLG-801	Alginic acid, sodium salt (algin)	
FLG-802	Cellulose acetate ; CA	
FLG-803	Cellulose acetate butyrate ; CAB	
FLG-804	Cellulose propionate	
FLG-805	Cellulose sulfate, sodium salt	
FLG-806	Cellulose triacetate	
FLG-807	Ethyl cellulose	
FLG-808	Hydroxybutyl methyl cellulose	
FLG-809	Hydroxypropyl cellulose	
FLG-810	Hydroxypropyl methyl cellulose	
FLG-811	Methyl cellulose ; MC	

Entry ID	Name	Structure Formula
FLY-001	Ethylene Propylene Rubber	$\text{---} \left[\text{CH}_2\text{CH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$

FLY-002	Ethylene Propylene-diene terpolymer	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_m \left\{ \text{X} \right\}_n \text{---}$ X = diene
FLY-006	Low Density Polyethylene ; LDPE	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$
FLY-007	Linear Low Density Polyethylene ; L-LDPE	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$
FLY-008	Ethylene-1-octene copolymer	$\text{---} \left(\text{CH}_2-\text{CH}_2 \right)_m \left[\text{CH}_2-\text{CH} \left((\text{CH}_2)_5\text{CH}_3 \right) \right]_n \text{---}$
FLY-051	Isobutylene-isoprene rubber; IIR	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)_2 \right\}_m \left\{ \text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2 \right\}_n \text{---}$
FLY-053	Polypropylene (random copolymer) ; PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$
FLY-101	High styrene rubber	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLY-102	High impact polystyrene ; HIPS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLY-105	Acrylonitrile-Butadiene-Styrene copolymer ; ABS	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$
FLY-106	Polystyrene (PS 95% or more + additive) ; PS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$
FLY-201	Acrylic Rubber ; AR	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right\}_n \text{---}$
FLY-202	Poly methyl methacrylate ; PMMA	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_n \text{---}$
FLY-251	Chlorinated isobutylene-isoprene rubber ; CIIR	$\left(\begin{array}{c} \text{CH}_3 \\ \\ \text{---} \text{C} \text{---} \text{CH}_2 \end{array} \right)_m \left(\begin{array}{c} \text{CH}_2 \text{---} \text{C} \text{---} \text{CH} \text{---} \text{CH}_2 \\ \quad \\ \text{CH}_2 \quad \text{Cl} \end{array} \right)_n$
FLY-252	Chlorosulfonated polyethylene ; CSM	$\text{---} \left\{ \text{CH}_2\text{CHCl} \right\}_1 \left\{ \text{CH}(\text{SO}_2\text{Cl}) \right\}_m \left\{ \text{CHCl} \right\}_n \text{---}$
FLY-304	Tetrafluoroethylene-perfluoropropylvinyl ether copolymer	$\text{---} \left(\text{CF}_2\text{CF}_2 \right)_m \left(\text{CF}_2 \text{---} \underset{\text{OCH}_2\text{CH}_2\text{CH}_3}{\text{CF}} \right)_n \text{---}$
FLY-305	Tetrafluoroethylene-ethylene copolymer	$\text{---} \left(\text{CH}_2-\text{CH}_2 \right)_m \left(\text{CF}_2-\text{CF}_2 \right)_n \text{---}$
FLY-401	High cis-butadiene rubber ; BR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_n \text{---}$
FLY-402	Acrylonitrile-butadiene-copolymer (Medium High Nitrile) ; NBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_n \text{---}$
FLY-403	Hydrogenated acrylonitrile butadiene rubber (Middle High Nitrile) ; HNBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_o \text{---}$
FLY-404	Styrene-butadiene copolymer ; SB	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$

FLY-405	Carboxylated acrylonitrile butadiene rubber (Terpolymer) ; NBR(XNBR)	$\left(\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right)_1 \left(\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \right)_m \left(\text{CH}_2 - \underset{\text{COOH}}{\overset{\text{CH}_3}{\text{C}}} \right)_n$
FLY-406	Styrene-butadiene copolymer ; SB	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$
FLY-407	Styrene-butadiene solution polymer ; SB	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$
FLY-408	High nitrile Acrylonitrile Butadiene copolymer ; NBR	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_1 \left[\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right]_m \left[\text{CH}_2\text{CH}(\text{CN}) \right]_n$
FLY-409	Middle nitrile Acrylonitrile Butadiene copolymer ; NBR	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_1 \left[\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right]_m \left[\text{CH}_2\text{CH}(\text{CN}) \right]_n$
FLY-410	Low nitrile Acrylonitrile Butadiene copolymer ; NBR	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_1 \left[\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right]_m \left[\text{CH}_2\text{CH}(\text{CN}) \right]_n$
FLY-411	Acrylonitrile Butadiene Rubber ;NBR	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_1 \left[\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right]_m \left[\text{CH}_2\text{CH}(\text{CN}) \right]_n$
FLY-412	Blend polymer of Acrylonitrile Butadiene rubber and Poly(vinyl chloride)	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_1 \left[\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right]_m \left[\text{CH}_2\text{CH}(\text{CN}) \right]_n$ $\left[\text{CH}_2\text{CHCl} \right]_n$
FLY-413	Acrylonitrile Butadiene Rubber ; NBR 53% AN	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_1 \left[\text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right]_m \left[\text{CH}_2\text{CH}(\text{CN}) \right]_n$
FLY-414	Chloroprene rubber ; CR	$\left[\text{CH}_2\text{CCl}=\text{CHCH}_2 \right]_n$
FLY-415	Styrene butadiene block copolymer ; SB	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$
FLY-416	Styrene butadiene block copolymer ; SB	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$
FLY-417	Styrene butadiene rubber ; SBR	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$
FLY-418	Styrene butadiene rubber ; SBR	$\left[\text{CH}_2\text{CH}=\text{CHCH}_2 \right]_m \left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n$
FLY-419	Hydrogenation styrene butadiene block copolymer	$\left(\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right)_1 \left(\text{CH}_2 - \underset{\text{CH}_2}{\underset{\text{CH}_3}{\text{CH}}} \right)_m \left(\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2 \right)_n$
FLY-451	Polyamide	$\left[\text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right]_n$
FLY-501	Epichlorohydrin rubber ; CHR	$\left[\text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O} \right]_n$
FLY-502	Polyacetal	$\left[\text{CH}_2\text{O} \right]_n$
FLY-551	Solid epoxy resin (The reaction of epichlorohydrin and bisphenol A)	$\left[\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{OCH}_2\text{CH}(\text{OH})\text{CH}_2\text{N} - \text{C}_6\text{H}_4 - \text{CH}_2 - \text{C}_6\text{H}_4 - \text{N} \right]_n$
FLY-701	Polycarbonate(solution method) ; SM-PC	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{CO} \right]_n - \text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_3$

FLY-702	Polyphenyleneether	
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Entry ID	Name	Structure Formula
FLTR-042	Poly(acrylic acid) ; PAA	$\left[\text{CH}_2\text{CH}(\text{COOH}) \right]_n$
FLTR-099	diallyl phthalate resin ; DAP	$\left[\text{CH}_2\text{CH}(\text{COOCH}_2\text{CH}_2\text{COO})\text{C}_6\text{H}_4\text{COOCH}_2\text{CH}_2\text{COO} \right]_n$
FLTR-100	Poly(ethyleneglycol bisallylcarbonate ; CR-39	$\left[\text{CH}_2\text{CH}(\text{COOCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OCH}_2\text{COO})\text{CH}_2\text{CH}_2 \right]_n$
FLTR-104	Unsaturated polyester ; UP	$\left[\text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_m \left[\text{CH}(\text{COOCH}_2\text{CH}_2\text{COO})\text{C}_6\text{H}_4\text{COOCH}_2\text{CH}_2\text{COO} \right]_n$
FLTR-105	epoxy resin	$\left[\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{O}-\text{C}_6\text{H}_4-\text{C}(\text{CH}_3)_2-\text{C}_6\text{H}_4-\text{OCH}_2\text{CH}(\text{OH})\text{CH}_2\text{N}(\text{C}_6\text{H}_4)_2 \right]_n$
FLTR-107	Bismaleimide triazine resin ; BT resin	$\left[\text{C}_6\text{H}_4-\text{C}(\text{CH}_3)_2-\text{C}_6\text{H}_4-\text{O}-\text{N}(\text{CO})_2\text{N}(\text{CO})_2-\text{N}(\text{C}_6\text{H}_4)_2-\text{N}(\text{CO})_2\text{N}(\text{CO})_2 \right]_n$
FLTR-108	Polyetherimide ; PEI	$\left[\text{O}-\text{C}_6\text{H}_4-\text{C}(\text{CH}_3)_2-\text{C}_6\text{H}_4-\text{O}-\text{CO}-\text{N}(\text{C}_6\text{H}_4)_2-\text{CO} \right]_n$
FLTR-109	Polypyromellitimide ; PI	$\left[\text{C}_6\text{H}_4-\text{O}-\text{C}_6\text{H}_4-\text{N}(\text{CO})_2\text{C}_6\text{H}_2(\text{CO})_2 \right]_n$
FLTR-110	Polyaminobismaleimide ; PABM	$\left[\text{CH}_2-\text{CO}-\text{N}(\text{C}_6\text{H}_4)_2-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}(\text{CO})_2\text{CH}_2-\text{C}_6\text{H}_4-\text{NH} \right]_n$
FLTR-115	Poly(ethylene terephthalate) ; PET	$\left[\text{C}_6\text{H}_4-\text{COOCH}_2\text{CH}_2\text{OCO} \right]_n$
FLTR-116	Poly(butylene terephthalate) ; PBT	$\left[\text{C}_6\text{H}_4-\text{COOCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OCO} \right]_n$
FLTR-117	Poly(ethylene naphthalate) ; PEN	$\left[\text{C}_{10}\text{H}_6-\text{COOCH}_2\text{CH}_2\text{OCO} \right]_n$
FLTR-118	Poly(p-hydroxybenzoic acid) ; LCP	$\left[\text{O}-\text{C}_6\text{H}_4-\text{O}-\text{CO}-\text{C}_6\text{H}_4-\text{CO} \right]_m \left[\text{O}-\text{C}_6\text{H}_4-\text{CO} \right]_n$
FLTR-119	Poly(p-hydroxybenzoic acid) ; LCP	$\left[\text{O}-\text{C}_{10}\text{H}_6-\text{CO} \right]_m \left[\text{O}-\text{C}_6\text{H}_4-\text{CO} \right]_n$
FLTR-120	Polyarylate ; PAR	$\left[\text{O}-\text{C}_6\text{H}_4-\text{C}(\text{CH}_3)_2-\text{C}_6\text{H}_4-\text{OCO}-\text{C}_6\text{H}_4-\text{CO} \right]_n$
FLTR-121	Poly(1,4-cyclohexane dimethylene terephthalate)	$\left[\text{OCO}-\text{C}_6\text{H}_4-\text{COOCH}_2-\text{C}_6\text{H}_{10}-\text{CH}_2 \right]_n$
FLTR-122	Poly(lactic acid) ; PLA	$\left[\text{CH}(\text{CH}_3)\text{COO} \right]_n$
FLTR-123	Poly(epsilon-caprolactone) ; PCL	$\left[(\text{CH}_2)_5\text{COO} \right]_n$

FLTR-124	Poly(butylenes succinate/adipate) ; PBSA	$\left[\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_2\text{CO} \right]_l \left[\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_4\text{CO} \right]_m \left[\text{O}(\text{CH}_2)_4\text{OCONH}(\text{CH}_2)_6\text{NHCO} \right]_n$
FLTR-125	Poly(3-hydroxy butyric acid) ; PHB	$\text{H} \left[\text{OCHCH}_2\text{CH}_2\text{CO} \right]_n \text{OH}$
FLTR-126	Poly(butylenes succinate/carbonate) ; PEC	$\left[\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_2\text{CO} - / - \text{O}(\text{CH}_2)_4 - \text{OCO} \right]_n$
FLTR-127	Polycarbonate (melt method) ; MM-PC	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{CO} \right]_n$
FLTR-128	Polycarbonate (solvent method) ; SM-PC	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{CO} \right]_n - \text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_3$
FLTR-129	Bisphenol Z polycarbonate	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{C}_6\text{H}_4)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{CO} \right]_n$
FLTR-130	Polycarbonate (thermally stabilized)	$\text{CH}_3\text{C}(\text{CH}_3)_2\text{CH}_2\text{C}(\text{CH}_3)_2 - \text{O} - \left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{CO} \right]_m \left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{CO} \right]_n - \text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2\text{CH}_2\text{C}(\text{CH}_3)_2$
FLTR-132	Polysulfone ; PSF	$\left[\text{O} - \text{C}_6\text{H}_4 - \text{C}(\text{CH}_3)_2 - \text{C}_6\text{H}_4 - \text{O} - \text{C}_6\text{H}_4 - \text{SO}_2 - \text{C}_6\text{H}_4 \right]_n$
FLTR-135	Polyethersulfone ; PESF	$\left[\text{C}_6\text{H}_4 - \text{SO}_2 - \text{C}_6\text{H}_4 - \text{O} \right]_n$
FLTR-136	Poly(ether ether ketone) ; PEEK	$\left[\text{C}_6\text{H}_4 - \text{O} - \text{C}_6\text{H}_4 - \text{O} - \text{C}_6\text{H}_4 - \text{CO} \right]_n$
FLTR-147	Cellulose acetate ; CA	$\left[\text{C}_6\text{H}_7\text{O}_2(\text{OCOCH}_3) \right]_n$
FLTR-148	Cellulose acetate propionate (DBP: Additives)	$\left[\text{C}_6\text{H}_7\text{O}_2(\text{OR}) \right]_n$ R=COCH ₃ or COC ₂ H ₅
FLTR-149	Cellulose acetate butyrate ; CAB	$\left[\text{C}_6\text{H}_7\text{O}_2(\text{OR}) \right]_n$ R=COCH ₃ or COC ₃ H ₇
FLTR-158	Shellac	
FLTR-162	Synthetic Lignin	




Entry ID	Name	Structure Formula
FLK-001	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=54.5/33.0/12.5]	$\left[\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right]_{0.33} \left[\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \right]_{0.125} \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.545}$
FLK-002	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=60.0/25.5/14.5]	$\left[\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right]_{0.25} \left[\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \right]_{0.145} \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.6}$
FLK-003	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=57.5/25.0/17.5]	$\left[\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right]_{0.25} \left[\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \right]_{0.175} \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.575}$
FLK-004	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=52.0/30.0/18.0]	$\left[\text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right]_{0.3} \left[\text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 \right]_{0.18} \left[\text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.52}$

FLK-020	Poly(3-hydroxy butyrate-co-3-hydroxy valerate)	
FLK-022	Poly(L-lactic acid) ; PLLA	
FLK-163	Poly(4-methyl pentene-1) ; PMP	
FLK-165	Polyisobutylene ; PIB	
FLK-166	Polystyrene (Atactic) ; PS	
FLK-167	Polystyrene (Isotactic(iso;90%,Mw;415k)) ; PS	
FLK-168	Polystyrene (Syndiotactic(Mw;1200k)) ; PS	
FLK-172	Poly-4-methoxystyrene	
FLK-174	Brominated Polystyrene	
FLK-175	Poly(4-bromostyrene)	
FLK-177	Poly(sodium 4-styrenesulfonate)	
FLK-180	Poly(vinyl butyrate) (DB;25mol%) ; PVB	
FLK-181	Poly(vinyl butyrate) (DB;50mol%) ; PVB	
FLK-182	Poly(vinyl butyrate) (DB;70mol%) ; PVB	
FLK-183	Methyl acrylate-poly(vinyl alcohol) ; MA-PVA [MA; ~10mol%]	
FLK-184	Methyl methacrylate-Vinyl alcohol (MMA;5mol%) ; MMA-PVA	

FLK-186	Poly(vinyl alcohol-vinyl acetate) (DS;45.4,Pa;300) ; PVA-VAc	
FLK-187	Poly(vinyl alcohol-vinyl acetate) (DS;78.2,Pa;300) ; PVA-VAc	
FLK-188	Poly(vinyl alcohol-vinyl acetate) (DS;88.5,Pa;300) ; PVA-VAc	
FLK-191	Poly(vinyl acetate-vinylidene cyanide) ; Poly(VAc-VDCN)	
FLK-192	Poly(vinylpyrrolidone-vinyl acetate) (VAc;30mol%) ; Poly(Vinylpyrrolidone-VAc)	
FLK-196	Polyacrylamide ; PAAM	
FLK-198	Polyvinylmethylketone	
FLK-199	Poly(9-vinyl carbazole)	
FLK-200	Polyvinylcinnamate	
FLK-201	Poly-2-vinylnaphthalene	
FLK-202	Polyvinylcarbanilate	
FLK-203	Poly(4-vinyl phenol)	
FLK-204	Polyacrylonitrile ; PAN	
FLK-206	Methyl methacrylate-vinylidene cyanide copolymer ; MMA-VDCN	
FLK-208	Vinyl chloride-vinyl acetate-vinyl alcohol copolymer ; VC-VAc-VA [91:3:6]	

FLK-210	Vinyl chloride-vinyl acetate-methacrylonitrile copolymer ; VC-VAc-MAn [86:13:1]	$\left[\text{CH}_2-\underset{\text{Cl}}{\text{CH}} \right]_{0.86} \left[\text{CH}_2-\underset{\text{O}-\text{C}(=\text{O})-\text{CH}_3}{\text{CH}} \right]_{0.13} \left[\text{CH}_2-\underset{\text{CN}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.01}$
FLK-211	Poly(vinyl pivalate)	$\left[\text{CH}_2-\underset{\text{O}-\text{C}(=\text{O})-\text{C}(\text{CH}_3)_3}{\text{CH}} \right]_n$
FLK-212	Poly(ethylene-vinyl pivalate)	$\left[\text{CH}_2-\text{CH}_2 \right]_m \left[\text{CH}_2-\underset{\text{O}-\text{C}(=\text{O})-\text{C}(\text{CH}_3)_3}{\text{CH}} \right]_n$
FLK-213	Poly(2-acrylamido-2-methyl-1-propanesulfonic acid-co-acrylonitrile)	$\left[\text{CH}_2-\underset{\text{O}=\text{C}-\text{NH}-\text{C}(\text{CH}_3)_2-\text{CH}_2-\text{SO}_3\text{H}}{\text{CH}} \right]_m \left[\text{CH}_2-\underset{\text{CN}}{\text{CH}} \right]_n$
FLK-214	Poly(2-acrylamido-2-methyl-1-propanesulfonic acid-co-styrene) [Styrene:95%]	$\left[\text{CH}_2-\underset{\text{O}=\text{C}-\text{NH}-\text{C}(\text{CH}_3)_2-\text{CH}_2-\text{SO}_3\text{H}}{\text{CH}} \right]_{0.05} \left[\text{CH}_2-\underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.95}$
FLK-215	Poly(allylamine hydrochloride)	$\left[\text{CH}_2-\underset{\text{CH}_2-\text{NH}_2 \cdot \text{HCl}}{\text{CH}} \right]_n$
FLK-216	Poly(4-vinyl biphenyl)	$\left[\text{CH}_2-\underset{\text{C}_6\text{H}_4-\text{C}_6\text{H}_5}{\text{CH}} \right]_n$
FLK-217	Poly(4-vinylpyridine-co-butyl methacrylate)	$\left[\text{CH}_2-\underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_m \left[\text{CH}_2-\underset{\text{O}-\text{C}(=\text{O})-\text{C}(\text{CH}_3)_2-\text{O}-\text{C}_4\text{H}_9}{\text{CH}} \right]_n$
FLK-218	Poly(2-vinylpyridine-co-styrene) [St:30%]	$\left[\text{CH}_2-\underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_{0.7} \left[\text{CH}_2-\underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.3}$
FLK-219	Poly(4-vinylpyridine-co-styrene)	$\left[\text{CH}_2-\underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_m \left[\text{CH}_2-\underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n$
FLK-220	Poly(vinyl stearate)	$\left[\text{CH}_2-\underset{\text{O}-\text{C}(=\text{O})-\text{C}_{17}\text{H}_{35}}{\text{CH}} \right]_n$
FLK-221	Poly(vinyl toluene)	$\left[\text{CH}_2-\underset{\text{C}_6\text{H}_4-\text{CH}_3}{\text{CH}} \right]_n$
FLK-222	Poly(vinylbenzyl chloride)	$\left[\text{CH}_2-\underset{\text{C}_6\text{H}_4-\text{CH}_2\text{Cl}}{\text{CH}} \right]_n$
FLK-223	Poly(t-butyl vinyl ether) [iso:88.8%]	$\left[\text{CH}_2-\underset{\text{O}-\text{C}(\text{CH}_3)_3}{\text{CH}} \right]_n$

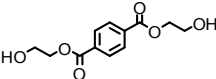
FLK-224	Poly(t-butyl vinyl ether) [iso;52.4%]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{O} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$
FLK-225	Poly(t-butyl vinyl ether) [iso;39.5%]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{O} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$
FLK-226	Polyvinylalcohol ; PVA [Pa;4000]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$
FLK-227	Polyvinylalcohol ; PVA [Pa;18250]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$
FLK-228	Polyvinylalcohol ; PVA [iso;86.6mol%]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$
FLK-229	Polyvinylalcohol ; PVA [syndio;61mol%]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$
FLK-230	Polyvinylalcohol ; PVA [Pa;25]	$\left[\text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$
FLK-232	Sodium polyacrylate ; PAA(sodium salt)	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{O}=\text{C} \\ \\ \text{ONa} \end{array}}{\text{CH}} \right]_n$
FLK-237	Poly(methyl methacrylate) ; PMMA [isotactic/mm:mr:rr=97:2:1]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{O}=\text{C} \\ \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$
FLK-238	Poly(methyl methacrylate) ; PMMA [syndiotactic/mm:mr:rr=6.5:11.0:82.5]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{O}=\text{C} \\ \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$
FLK-241	Poly(isopropyl methacrylate) ; PIPMA	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{O}=\text{C} \\ \\ \text{O} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{H} \end{array}}{\text{C}} \right]_n$
FLK-242	Poly(pinacolyl methacrylate) ; Poly(pinacolyl MA)	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{O}=\text{C} \\ \\ \text{O} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{H}_3\text{C} \end{array}}{\text{C}} \right]_n$
FLK-243	Poly(tert-butyl methacrylate) ; P t-BMA	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\ \\ \text{O}=\text{C} \\ \\ \text{O} \\ \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}}{\text{C}} \right]_n$
FLK-245	Acrylic acid-ethyl acrylate copolymer ; AA-EA [AA;14.6wt%]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{O}=\text{C} \\ \\ \text{OH} \end{array}}{\text{CH}} \right]_{0.146} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{O}=\text{C} \\ \\ \text{OC}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.854}$
FLK-246	Ethyl acrylate-methyl methacrylic acid ; EA-MAA [MAA;19.2wt%]	$\left[\text{CH}_2 - \underset{\begin{array}{c} \text{O}=\text{C} \\ \\ \text{OC}_2\text{H}_5 \end{array}}{\text{CH}} \right]_{0.808} \left[\text{CH}_2 - \underset{\begin{array}{c} \text{C}_2\text{H}_5 \\ \\ \text{O}=\text{C} \\ \\ \text{OH} \end{array}}{\text{C}} \right]_{0.192}$

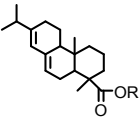
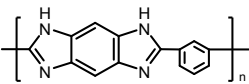
FLK-247	Methyl methacrylate-methyl acrylate copolymer ; MMA-MA [MA;15wt%]	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.85} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{H}}{\text{C}}} \right]_{0.15}$ $\text{OCH}_3 \quad \text{OCH}_3$
FLK-248	Methyl methacrylate-methyl acrylate copolymer ; MMA-MA [MA;50wt%]	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.5} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{H}}{\text{C}}} \right]_{0.5}$ $\text{OCH}_3 \quad \text{OCH}_3$
FLK-249	Methyl methacrylate-Butyl acrylate copolymer ; MMA-BA [BA;25wt%]	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.75} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{H}}{\text{C}}} \right]_{0.25}$ $\text{OCH}_3 \quad \text{OC}_4\text{H}_9$
FLK-250	Methyl methacrylate-styrene copolymer ; MMA-St [St;40wt%]	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.6} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{H}}{\text{C}}} \right]_{0.4}$ $\text{OCH}_3 \quad \text{C}_6\text{H}_5$
FLK-251	Methyl methacrylate-maleic anhydride-styrene copolymer ; MMA-MAN-St [67/15/18wt%]	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.67} \left[\text{CH} - \underset{\text{O}=\text{C}}{\overset{\text{O}}{\text{C}}} \right]_{0.15} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{H}}{\text{C}}} \right]_{0.18}$ $\text{OCH}_3 \quad \text{C}_6\text{H}_5$
FLK-252	Poly(2-ethyl hexyl acrylate)	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{C}_2\text{H}_5}{\text{C}}} \right]_n$ OC_6H_{13}
FLK-253	Poly(hexyl methacrylate)	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_n$ OC_6H_{13}
FLK-254	Poly(lauryl methacrylate)	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_n$ $\text{OC}_{12}\text{H}_{25}$
FLK-255	Poly(2-hydroxypropyl methacrylate)	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_n$ $\text{O} - \text{CH}_2 - \text{CH}(\text{OH}) - \text{CH}_3$
FLK-256	Poly(isobornyl methacrylate)	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_n$ 
FLK-259	Poly(phenyl methacrylate)	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_n$ 
FLK-260	Methyl methacrylate-cyclohexyl methacrylate ; MMA-CMA [1:1]	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.5} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.5}$ $\text{OCH}_3 \quad \text{C}_6\text{H}_{11}$
FLK-261	Methyl methacrylate-cyclohexyl methacrylate ; MMA-CMA [3:1]	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.75} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.25}$ $\text{OCH}_3 \quad \text{C}_6\text{H}_{11}$
FLK-262	Methyl methacrylate-cyclohexyl methacrylate-glycidyl methacrylate ; MMA-CMA-GMA [2:1:1]	$\left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.5} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.25} \left[\text{CH}_2 - \underset{\text{O}=\text{C}}{\overset{\text{CH}_3}{\text{C}}} \right]_{0.25}$ $\text{OCH}_3 \quad \text{C}_6\text{H}_{11} \quad \text{H}_2\text{C} - \text{C}(\text{O}) - \text{C}$ 

FLK-263	Methyl methacrylate-phenyl methacrylate ; MMA-PMA	
FLK-264	Poly(methacrylic acid) ; PMAA	
FLK-265	Methyl methacrylate-butadiene-styrene copolymer ; MMA/Butadiene/St ; MMBS	
FLK-267	Polyisoprene(trans-1,4) ; PIP(trans-1,4) [Natural rubber]	
FLK-268	Poly(acrylonitrile-co-ethyl acrylate) ; NR	
FLK-269	Polybutadiene(trans-1,4) chlorinated ; BR(trans-1,4) chlorinated	
FLK-271	Poly(ethylene glycol) ; PEG	
FLK-272	Poly(tetramethylene ether glycol) ; PTMG	
FLK-274	Polyphenylene oxide (Polystyrene-blended) ; PPO (PS-blended)	
FLK-275	Poly(isobutyl vinyl ether)	
FLK-276	Poly(bornyl vinyl ether)	
FLK-277	Poly(ether nitrile)	
FLK-278	Poly(dibromo phenylene oxide)	
FLK-281	(Diethylene glycol,ethylene glycol):(isophthalic acid:terephthalic acid) ; (DEG,EG):(IPA,TPA)	
FLK-282	Diethylene glycol:terephthalic acid ; DEG:TPA	

FLK-283	(Cyclohexane dimethanol,ethylene glycol):terephthalic acid ; (CHDM,EG):TPA [PET-G]	
FLK-284	Cyclohexane dimethanol:(isophthalic acid,terephthalic acid) ; CHDM:(IPA,TPA)	
FLK-285	Bisphenol A:terephthalic acid ; BPA:TPA	
FLK-286	Poly(ethylene adipate) [Ethylene glycol:adipic acid] ; PEA [EG:AA]	
FLK-287	Ethylene glycol:(adipic acid,terephthalic acid) ; EG:(AA,TPA) [AA/TPA=20/80]	
FLK-288	Polyethylene isophthalate (Ethylene glycol:isophthalic acid) ; PEI [EG:IPA]	
FLK-289	Ethylene glycol:(isophthalic acid,terephthalic acid) ; EG:(IPA,TPA) [IPA/TPA=20/80]	
FLK-290	Ethylene glycol:naphthalene dicarboxylic acid ; PEN [EG:NDCA]	
FLK-291	(Ethylene glycol,neopentyl glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (EG,NPG):(IPA,SA,TPA) [(60,40):(50,10,40)]	
FLK-292	(Ethylene glycol,neopentyl glycol):(isophthalic acid,terephthalic acid) ; (EG,NPG):(IPA,TPA)	
FLK-293	(Ethylene glycol,neopentyl glycol):sebacic acid,terephthalic acid) ; (EG,NPG):(SA,TPA)	
FLK-294	(Ethylene glycol,polyethylene glycol):terephthalic acid ; (EG,PEG):TPA [EG/PEG(#400)=85/15]	
FLK-295	(Butanediol,ethylene glycol,poly(tetramethylene glycol)):(adipic acid:terephthalic acid) ; (BD,EG,PTMG):(AA,TPA)	
FLK-296	Ethylene glycol:sebacic acid,terephthalic acid) ; EG:(SA,TPA) [SA/TPA=20/80]	
FLK-297	(Butanediol,ethylene glycol):(adipic acid,isophthalic acid,terephthalic acid) ; (BD,EG):(AA,IPA,TPA)	
FLK-298	(Butanediol,ethylene glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (BD,EG):(IPA,SA,TPA)	

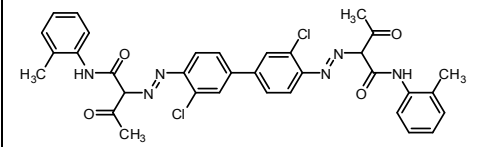
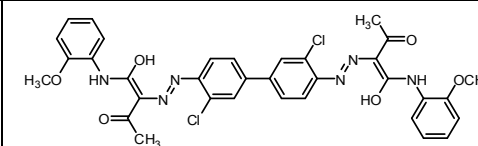
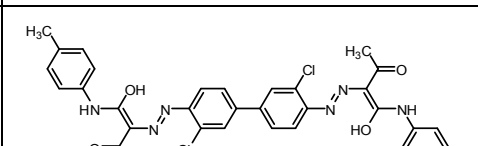
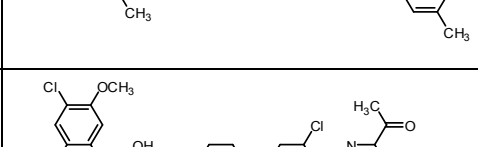
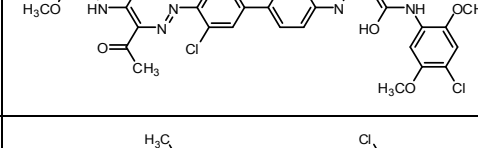
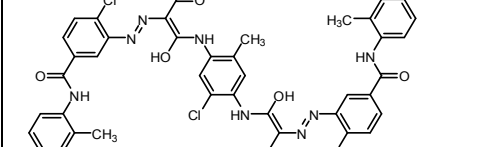
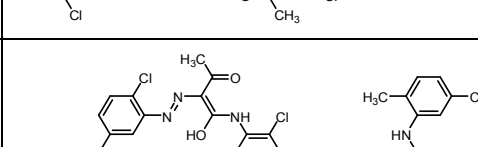
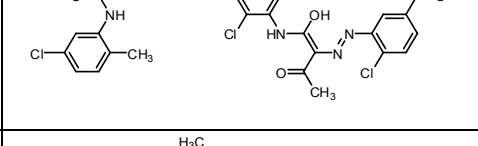
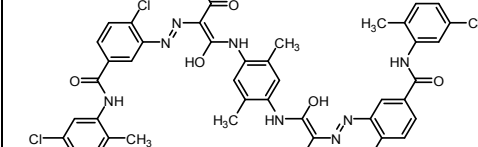
FLK-299	Hexanediol:(adipic acid,terephthalic acid) ; HD:(AA,TPA) [AA/TPA=40/60]	
FLK-300	(Butanediol,hexanediol,polyethylene glycol):terephthalic acid ; (BD,HD,PEG):TPA	
FLK-301	Polybutylene terephthalate/PTG [(Butanediol,poly(tetramethylene glycol):terephthalic acid) ; PBT/PTG [(BD,PTMG):TPA]	
FLK-302	Butanediol:(adipic acid,isophthalic acid,terephthalic acid) ; BD:(AA,IPA,TPA)	
FLK-303	Butanediol:(adipic acid,terephthalic acid) ; BD:(AA,TPA)	
FLK-304	Butanediol:(naphthalene dicarboxylic acid,terephthalic acid) ; BD:(NDCA,TPA)	
FLK-305	(Butanediol,bis(hydroxyl methyl)benzene):terephthalic acid ; (BD,BHMB):TPA [BD/BHMB=60/40]	
FLK-306	(Butanediol,diethylene glycol):(sebacic acid,terephthalic acid) ; (BD,DEG):(SA,TPA) [(72,28):(8,92)]	
FLK-307	(Ethylene glycol,neopentyl glycol):terephthalic acid ; (EG,NPG):TPA [EG/NPG=80/20]	
FLK-308	(Butanediol,ethylene glycol):terephthalic acid ; (BD,EG):TPA [BD/EG=20/80]	
FLK-309	(Butanediol,diethylene glycol):terephthalic acid ; (BD,DEG):TPA [BD/DEG=78/22]	
FLK-310	(Ethylene glycol,propanediol):terephthalic acid ; (EG,PD):TPA	
FLK-311	(Ethylene glycol,triethylene glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (EG,TEG):(IPA,SA,TPA)	
FLK-312	Polyhexamethylene terephthalate (hexanediol:terephthalic acid) ; PHMT [HD:TPA]	
FLK-313	Poly((ethylene glycol,bis[4-(2-hydroxyethoxy)phenyl] sulfone):(isophthalic acid,terephthalic acid) ; (EG,EOBPS):(IPA,TPA) [(80,20):(20,80)]	
FLK-314	Poly(butanediol:succinic acid) ; BD:Succinic acid	

FLK-315	Poly(tetramethylene sebacate) (Butanediol:sebacic acid) ; BD:SA	$\left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_8-\text{C}(=\text{O}) \right]_n$
FLK-316	Poly-4-hydroxybutyrate ; PHB	$\left[\text{O}-(\text{CH}_2)_3-\text{C}(=\text{O}) \right]_n$
FLK-317	Poly(butanediol,hexanediol):adipic acid) ; (BD,HD):AA	$\left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_6-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$
FLK-318	Poly(3-methyl-1,5-pentanediol:azelaic acid) ; PMAz	$\left[\text{O}-(\text{CH}_2)_2-\overset{\text{CH}_3}{\text{CH}}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_7-\text{C}(=\text{O}) \right]_n$
FLK-319	Poly(methylpentane dodecanoate) ; PMDd [Dd=dodecane dicarboxylic acid]	$\left[\text{O}-(\text{CH}_2)_2-\overset{\text{CH}_3}{\text{CH}}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_{10}-\text{C}(=\text{O}) \right]_n$
FLK-320	Poly(β -methyl- δ -valerolactone) glycol ; PMVL	$\left[\text{O}-(\text{CH}_2)_2-\overset{\text{CH}_3}{\text{CH}}-\text{CH}_2-\text{C}(=\text{O}) \right]_n$
FLK-321	Poly(3-methylpentamethylene adipate) glycols ; PMPA	$\left[\text{O}-(\text{CH}_2)_2-\overset{\text{CH}_3}{\text{CH}}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$
FLK-322	Poly(ethylene/butylene adipate) (Mn;2000) ; PEBA(2000)	$\left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$
FLK-323	Bis-hydroxyethylterephthalate ; BHET	
FLK-324	Poly(cyclohexane dimethanol:terephthalic acid) ; CHDM:TPA	$\left[\text{O}-\text{CH}_2-\text{C}_6\text{H}_{10}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$
FLK-325	(Cyclohexane dimethanol,ethylene glycol):terephthalic acid [Poly(2,2'-bis(1,4-phenylene)carbonate blended)] ; (CHDM,EG):TPA	$\left[\text{O}-\text{CH}_2-\text{C}_6\text{H}_{10}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$
FLK-326	Poly(4-oxybenzoyl-co-2-oxy-6-naphthoyl)	$\left[\text{O}-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-\text{C}_{10}\text{H}_7-\text{C}(=\text{O}) \right]_n$
FLK-327	Poly(4-oxybenzoyl-co-4,4'-biphenylene:terephthalate)	$\left[\text{O}-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-\text{C}_6\text{H}_4-\text{C}_6\text{H}_4-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$
FLK-328	Poly(ethylene succinate)	$\left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_2-\text{C}(=\text{O}) \right]_n$
FLK-329	Poly(neopentyl glycol sebacate)	$\left[\text{O}-\text{CH}_2-\overset{\text{CH}_3}{\underset{\text{CH}_3}{\text{C}}}-\text{CH}_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_8-\text{C}(=\text{O}) \right]_n$
FLK-330	Poly(4-oxybenzoyl-co-poly(ethylene:terephthalate))	$\left[\text{O}-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$

FLK-331	Poly-2-methyl octane,nonamethylene adipate ; PNOA	$\left[\text{O}-\text{CH}_2-\overset{\text{CH}_3}{\text{CH}}-(\text{CH}_2)_6-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_9-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$
FLK-332	Ester gum (Rosin type)	
FLK-333	Polybutylene naphthalate ; BD naphthalate	$\left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$
FLK-334	Nonanediol naphthalate ; ND naphthalate	$\left[\text{O}-(\text{CH}_2)_9-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$
FLK-335	Poly(trimethylene terephthalate) ; PPT	$\left[\text{O}-(\text{CH}_2)_3-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$
FLK-336	Poly(hexamethylene terephthalate) ; PHMT	$\left[\text{O}-(\text{CH}_2)_6-\text{O}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$
FLK-340	Poly(benzimidazole)	
FLK-341	Diphenylmethane diisocyanate/bis(hydroxyl ethoxy)benzene,poly(tetramethylene glycol) ; MDI/BHEB,PTMG	$\left[\text{O}=\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}=\text{O}-\text{O}-\mathbf{A} \right]_n \quad \begin{array}{l} \mathbf{A} = -\text{CH}_2-\text{C}_6\text{H}_4-\text{CH}_2-\text{O}- \\ \left[(\text{CH}_2)_4-\text{O} \right]_m \end{array}$
FLK-342	Diphenylmethane diisocyanate/poly(adipic acid:(ethylene glycol,butanediol)) ; MDI/AA:(EG,BD)	$\left[\left[(\text{EG,BD):AA} \right] - \text{O}-\text{N}=\text{O}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}=\text{O} \right]_n$ $\begin{array}{l} (\text{EG,BD):AA} \\ \left[\text{O}-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_m \left[\text{O}-(\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n \end{array}$
FLK-343	Diphenylmethane diisocyanate/ethylene glycol/polycaprolactone ; MDI/EG/PCL	$\left[\text{O}=\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}=\text{O}-\text{O}-\mathbf{A} \right]_n \quad \begin{array}{l} \mathbf{A} = -(\text{CH}_2)_2-\text{O}- \\ \left[(\text{CH}_2)_5-\text{C}(=\text{O})-\text{O} \right]_m (\text{CH}_2)_5- \end{array}$
FLK-344	Diphenylmethane diisocyanate/butanediol/polycaprolactone ; MDI/BD/PCL	$\left[\text{O}=\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}=\text{O}-\text{O}-\mathbf{A} \right]_n \quad \begin{array}{l} \mathbf{A} = -(\text{CH}_2)_4-\text{O}- \\ \left[(\text{CH}_2)_5-\text{C}(=\text{O})-\text{O} \right]_m (\text{CH}_2)_5- \end{array}$
FLK-345	(Diphenylmethane diisocyanate,hexamethylenediamine)/ethylene glycol/(poly(tetramethylene glycol),polycaprolactone) ; MDI,HMDA/EG/PTMG,PCL	$\left[\text{O}=\text{N}-\mathbf{A}-\text{N}=\text{O}-\text{O}-\mathbf{B} \right]_n \quad \begin{array}{l} \mathbf{A} = -\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4- \\ -(\text{CH}_2)_6- \\ \mathbf{B} = -(\text{CH}_2)_2-\text{O}- \\ \left[(\text{CH}_2)_4-\text{O} \right]_m \\ \left[(\text{CH}_2)_5-\text{C}(=\text{O})-\text{O} \right]_m (\text{CH}_2)_5- \end{array}$
FLK-346	Diphenylmethane diisocyanate/(butanediol,ethylene glycol)/polycaprolactone ; MDI/BD,EG/PCL	$\left[\text{O}=\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}=\text{O}-\text{O}-\mathbf{A} \right]_n \quad \begin{array}{l} \mathbf{A} = -(\text{CH}_2)_4-\text{O}- \\ -(\text{CH}_2)_2-\text{O}- \\ \left[(\text{CH}_2)_5-\text{C}(=\text{O})-\text{O} \right]_m (\text{CH}_2)_5- \end{array}$
FLK-347	Diphenylmethane diisocyanate/ethylene glycol/polyethylene glycol ; MDI/EG/PEG	$\left[\text{O}=\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}=\text{O}-\text{O}-\mathbf{A} \right]_n \quad \begin{array}{l} \mathbf{A} = -(\text{CH}_2)_2-\text{O}- \\ \left[(\text{CH}_2)_2-\text{O} \right]_m \end{array}$
FLK-348	Diphenylmethane diisocyanate/ethylene glycol/(polyethylene glycol,poly(tetramethylene glycol)) ; MDI/EG/PEG,PTMG	$\left[\text{O}=\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}=\text{O}-\text{O}-\mathbf{A} \right]_n \quad \begin{array}{l} \mathbf{A} = -(\text{CH}_2)_2-\text{O}- \\ \left[(\text{CH}_2)_2-\text{O} \right]_m \\ \left[(\text{CH}_2)_4-\text{O} \right]_m \end{array}$
FLK-349	Diphenylmethane diisocyanate/butanediol/poly(tetramethylene glycol) ; MDI/BD/PTMG	$\left[\text{O}=\text{N}-\text{C}_6\text{H}_4-\text{CH}_2-\text{C}_6\text{H}_4-\text{N}=\text{O}-\text{O}-\mathbf{A} \right]_n \quad \begin{array}{l} \mathbf{A} = -(\text{CH}_2)_4-\text{O}- \\ \left[(\text{CH}_2)_4-\text{O} \right]_m \end{array}$

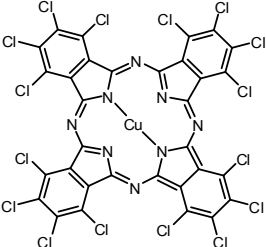
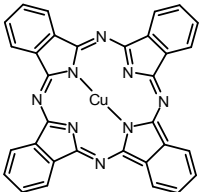
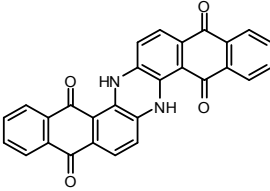
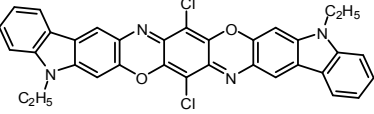
FLK-365	Diphenylmethane diisocyanate/butanediol/poly(nonylene /octylene/butylene adipate) ; MDI/BD/PNOBA(5:4:1)	$\left[\text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{N} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CH}_2 \text{---} \text{C}_6\text{H}_4 \text{---} \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{O} \text{---} \mathbf{A} \right]_m \quad \mathbf{A} = \text{---}(\text{CH}_2)_4\text{---O---}$ $\left[(\text{CH}_2)_{4,8,9}\text{---O---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} (\text{CH}_2)_4 \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{O} \right]_n$
FLK-366	Diphenylmethane diisocyanate/ethylenediamine/poly(ethylene/butylene adipate) ; MDI/EDA/PEBA	$\left[\text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{N} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CH}_2 \text{---} \text{C}_6\text{H}_4 \text{---} \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{O} \text{---} \mathbf{A} \right]_1 \quad \mathbf{A} = \text{---} \begin{array}{c} \text{H} \\ \\ \text{N} \end{array} \text{---} (\text{CH}_2)_2 \text{---} \begin{array}{c} \text{H} \\ \\ \text{N} \end{array} \text{---}$ PEBA $\left[(\text{CH}_2)_2\text{---O---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} (\text{CH}_2)_4 \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{O} \right]_m \left[(\text{CH}_2)_4\text{---O---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} (\text{CH}_2)_4 \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{O} \right]_n$
FLK-367	Diphenylmethane diisocyanate/butanediol/poly(ethylene adipate) ; MDI/BD/PEA	$\left[\text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{N} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CH}_2 \text{---} \text{C}_6\text{H}_4 \text{---} \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{O} \text{---} \mathbf{A} \right]_m \quad \mathbf{A} = \text{---}(\text{CH}_2)_4\text{---O---}$ $\left[(\text{CH}_2)_2\text{---O---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} (\text{CH}_2)_4 \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{O} \right]_n$
FLK-368	Poly(styrene-maleic anhydride-butadiene) ; SMA(High impact) [Styrene-MAn-Butadiene]	$\left[\text{CH}_2\text{---} \begin{array}{c} \text{CH} \\ \\ \text{C}_6\text{H}_5 \end{array} \right]_1 \left[\text{---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{---} \text{CH} \text{---} \text{CH} \text{---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{---} \right]_m \left[\text{CH}_2\text{---} \text{CH} = \text{CH} \text{---} \text{CH}_2 \right]_n$
FLK-371	Poly(isobutylene-maleic anhydride)	$\left[\text{CH}_2\text{---} \begin{array}{c} \text{CH}_3 \\ \\ \text{C} \\ \\ \text{CH}_3 \end{array} \right]_m \left[\text{---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{---} \text{CH} \text{---} \text{CH} \text{---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{---} \right]_n$
FLK-372	Methyl methacrylate-maleic anhydride-norbornene ; MMA-MAN-Norbornene	$\left[\text{H}_2\text{C} \text{---} \begin{array}{c} \text{CH}_3 \\ \\ \text{C} \\ \\ \text{C}=\text{O} \\ \\ \text{OCH}_3 \end{array} \right]_1 \left[\text{---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{---} \text{CH} \text{---} \text{CH} \text{---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \end{array} \text{---} \right]_m \left[\text{---} \text{CH} \text{---} \text{CH} \text{---} \right]_n$
FLK-377	Cellulose diacetate	$\left[\text{---} \begin{array}{c} \text{OR} \\ \\ \text{C} \\ \\ \text{OR} \end{array} \right]_n \quad \text{R} = \text{H or COCH}_3$
FLK-379	Chitosan hydrogen chloride salt	$\left[\text{---} \begin{array}{c} \text{OH} \\ \\ \text{C} \\ \\ \text{NH}_2 \end{array} \right]_n \text{HCl}$
FLK-382	Brominated phenoxy resin	$\left[\text{---} \begin{array}{c} \text{CH}_3 \\ \\ \text{C} \\ \\ \text{Br}_x \end{array} \right]_1 \left[\text{---} \begin{array}{c} \text{CH}_3 \\ \\ \text{C} \\ \\ \text{Br}_x \end{array} \right]_1 \left[\text{---} \text{O---} \text{CH}_2\text{---} \text{CH} \text{---} \text{CH}_2 \text{---} \right]_n$
FLK-383	Poly(2-ethyl-2-oxazoline)	$\left[\text{---} \begin{array}{c} \text{H}_2 \\ \\ \text{C} \\ \\ \text{C}_2\text{H}_5 \end{array} \right]_n$
FLK-384	Polyketone [Poly(ethylene-alt-carbon monoxide)]	$\left[\text{---} \begin{array}{c} \text{O} \\ \parallel \\ \text{C} \\ \\ \text{H}_2 \end{array} \right]_n$

Entry ID	Name	Structure Formula
FLK-636	Pigment Yellow 167	
FLK-637	Pigment Yellow 13	

FLK-638	Pigment Yellow 14	
FLK-639	Pigment Yellow 17	
FLK-640	Pigment Yellow 55	
FLK-641	Pigment Yellow-83	
FLK-642	Pigment Yellow-93	
FLK-643	Pigment Yellow-94	
FLK-644	Pigment Yellow-95	
FLK-645	Pigment Yellow-128	
FLK-646	Pigment Yellow-109	

FLK-647	Pigment Yellow-110	
FLK-648	Pigment Yellow-120	
FLK-649	Pigment Yellow-147	
FLK-650	Pigment Yellow-138	
FLK-651	Pigment Orange-64	
FLK-652	Pigment Orange-61	
FLK-653	Pigment Red-48:2	
FLK-654	Pigment Red-53:1	
FLK-655	Pigment Red-57:1	
FLK-656	Pigment Red-247	
FLK-657	Pigment Red-170	

FLK-658	Pigment Red-208	
FLK-659	Pigment Red-187	
FLK-662	Pigment Red-220	
FLK-663	Pigment Red-144	
FLK-664	Pigment Red-221	
FLK-665	Pigment Red-242	
FLK-666	Pigment Red-177	
FLK-667	Pigment Red-178	
FLK-668	Pigment Red-149	
FLK-669	Pigment Red-254	

FLK-670	Pigment Green-7	
FLK-671	Pigment Blue-15:3	
FLK-673	Pigment Blue-60	
FLK-674	Pigment Violet-23	

Entry ID	Name
FLE-0101	Corrugated fiberboard (Polypropylene, SUNPLY HP30050)
FLE-0102	Foam (Blistered, polyethylene, SOFTLON Z LD15)
FLE-0103	Foam (Blistered, polyethylene, SOFTLON Z HD30)
FLE-0104	Paper tube
FLE-0105	Paper (Thin, Miroku)
FLE-0106	Adhesive agent (Jet-Melt 3792LM)
FLE-0107	Film sheet (Polyester, Hostaphan 43SM)
FLE-0108	Polyester and cotton
FLE-0109	Paper (Acid-free, fiberboard, Archival board W)
FLE-0110	Film (Polyester, RFT25)
FLE-0111	Corrugated board (Polypropylene, Coloplast)
FLE-0113	Paper (Thin, IL Tissue)
FLE-0114	Tube (Poly(vinyl chloride), PVC)
FLE-0115	Paper (Thin, SIL Tissue)
FLE-0116	Screw (Polyethylene, plastic corrugated board)
FLE-0201	Film (Poly(ethylene terephthalate), PET, Melinex 516)
FLE-0202	Film (Poly(ethylene terephthalate), PET, Teijin Teton film)
FLE-0203	Film (Poly(ethylene terephthalate), PET, Lumiler #16S28)

FLE-0204	Paper (Acid-free, Pure Mat)
FLE-0205	Paper (Acid-free, Pure Guard 120)
FLE-0206	Cotton tape (For historical material preservation, type A)
FLE-0207	Cotton tape (For historical material preservation, type B)
FLE-0208	Paper (Acid-free paper, back sizing label, AF Protect H)
FLE-0209	Foam (Crosslinked polyethylene foam, Softlon S #3005)
FLE-0210	Thick board (Crosslinked polyethylene foam, Softlon board #1500)
FLE-0211	Thick board (Regular closed-cell polyethylene foam, Ethafoam wrapping paper)
FLE-0212	Sheet (Regular closed-cell polyethylene foam, Ethafoam wrapping paper)
FLE-0301	Alkyl ketene dimer (K-903)
FLE-0302	Starch (Cationized)
FLE-0303	Wood pulp (Needle-leaved tree bleached sulfurous acid pulp, NBSP)
FLE-0304	Wood pulp (Needle-leaved tree bleached kraft pulp, NBKP)
FLE-0305	Wood pulp (Needle-leaved tree bleached kraft pulp, NBKP)
FLE-0306	Paper (Japanese paper, paper mulberry 100 %, 9 momme)
FLE-0307	Paper (Thin roll)
FLE-0308	Raw cotton
FLE-0309	Film (Filmoplast R, acrylic adhesive agent)
FLE-0310	Non-woven fabrics (Polyethylene, Tyvek(R) #1073D)
FLE-0311	Nylon (Carl-fastener)
FLE-0312	SR tube (Silicone rubber)
FLE-0313	Foam (Polyethylene, SUNTEC foam, Q25)
FLE-0314	Foam wrapping paper (Polyethylene, Ethafoam(R))
FLE-0401	Sheet (Silicone rubber)
FLE-0402	Paste (Carboxymethylcellulose, CMC, Serogen 3H)
FLE-0403	Paper (Non-buffer paper, Pure Guard 120 white)
FLE-0404	Paper (Storing box)
FLE-0405	Cotton (Supima, unbleached, Japanese product)
FLE-0406	Wrapping film (Polyethylene, YUKAWRAP)
FLE-0407	Tape (Double coated, polyester, ST-415, adhesive agent: acrylic)
FLE-0408	Tape (Double coated, polyester, 4591HH, adhesive agent: acrylic)
FLE-0409	Paper (Neutral glassine, thin paper)

FLE-0410	Hemp (Manila hemp, 100%, roll)
FLE-0411	Bag (Polyethylene, for business use)
FLE-0412	Bag (Polyethylene, with chuck)
FLE-0413	Paper (Shelf board, high weighting-resistant honeycomb structure)
FLE-0414	Paper (Shelf board, neutral paper honeycomb structure)
FLE-0501	Rayon (Regenerated cellulosic fiber)
FLE-0502	Adhesive tape (Rayon, filmoplast SH)
FLE-0503	Pulp (AF hard board, thickness : 0.45mm)
FLE-0504	Non-woven fabrics (Bright, rayon and pulp mixed)
FLE-0505	Non-woven fabrics (Mesh, rayon and pulp mixed)
FLE-0506	Filter paper 1chr (Qualitative use, cellulose)
FLE-0507	Filter paper 3MMchr (Qualitative use, cellulose)
FLE-0508	Paint (Acrylic resin, titanium white)
FLE-0509	Rubber for display (Styrene-butadiene rubber, NR SHEET T2-500W x 1000T)
FLE-0510	Soft rubber (Chloroprene rubber and inorganic carbonate, for display)
FLE-0511	Paper (Felt for display, gray)
FLE-0512	Paper (Wallpaper, LY-1929 plain textile for display)
FLE-0513	Starch glue (Fueki starch)
FLE-0514	Acrylic resin (Color tone No. 310 light blue)
FLE-0601	Plywood 4 (Immediately sealed up after acquisition)
FLE-0602	Plywood 4 (Sealed up after setting outside for 40 days)
FLE-0603	Plywood 4 (Sealed up after setting outside for 50 days)
FLE-0604	Plywood 4 (Sealed up after setting in exhibit space for 10 days)
FLE-0605	Plywood 4 (Sealed up after setting in exhibit space for 40 days)
FLE-0606	Plywood 4 (Sealed up after setting in exhibit space for 50 days)
FLE-0607	Paper (Pure mat white, heavy, cellulose)
FLE-0608	Paper (Pure mat cream, extra heavy, cellulose)
FLE-0609	Paper (Archival board, cellulose)
FLE-0610	Paper (Japanese paper, new paper mulberry 30%, recycling paper mulberry 70%)
FLE-0611	Tape (Double-side, ST-415 No.1)
FLE-0612	Tape (Double-side, ST-415 No.2)
FLE-0613	Tape (Double-side, ST-415 No.3)

FLE-0614	Tape (Double-side, ST-416P)
FLE-0701	Plywood 4 cross section (Immediately sealed up after acquisition)
FLE-0702	Plywood 4 cross section (Sealed up after setting outside for 40 days)
FLE-0703	Plywood 4 cross section (Sealed up after setting outside for 50 days)
FLE-0704	Plywood 4 cross section (Sealed up after setting in exhibit space for 10 days)
FLE-0705	Plywood 4 cross section (Sealed up after setting in exhibit space for 40 days)
FLE-0706	Plywood 4 cross section (Sealed up after setting in exhibit space for 50 days)
FLE-0707	Resin sheet (Polypropylene, thickness : 1mm)
FLE-0708	Resin sheet (Polyethylene, thickness : 1mm)
FLE-0709	Paper (Wall paper, Display Design ynk 411)
FLE-0710	Cloth (G Poplin T-2000 17, G17)
FLE-0711	Paper (LY-6891)
FLE-0712	Adhesive sheet (Ethylene-acrylic acid copolymer, HKC-875)
FLE-0713	Cloth No.1 (Subsidiary display material)
FLE-0714	Cloth No.2 (Subsidiary display material, gauze)
FLE-0801	Paper (True core archival boxboard slide bins)
FLE-0802	Adhesive part (True core archival boxboard slide bins)
FLE-0803	Paper (Partition, microchamber board)
FLE-0804	Paper (Slide mount board, white, 35mm)
FLE-0805	Film (Inside of HOSHO negative film folder 135 mm, polypropylene)
FLE-0806	Paper (Inside of negative cover 120 mm, glassine paper)
FLE-0807	Paper (Archival Labels, acid-free)
FLE-0808	Paper (Archival Laser Labels, acid-free, acrylic adhesive agent)
FLE-0809	Archival Polyweld Pockets APS 06B (Poly(ethylene terephthalate), PET, Melinex516/O)
FLE-0810	Clear bag (Polypropylene, Film pack 120)
FLE-0811	Mount (Polyethylene, milky white mount of Film pack 120)
FLE-0812	Clear bag (Polypropylene, OP-69)
FLE-0813	Paper (Adsorption board No.1, preservation box)
FLE-0814	Paper (Japanese paper, Torinoko YB332)
FLE-0901	Paper (Japanese paper)
FLE-0902	SR tube (Silicone rubber, SR-1554, 1mm x 2mm x 100mm)
FLE-0903	Silicone tube (External diameter: 2mm, internal diameter: 1mm)

FLE-0904	Polytetrafluoroethylene (PTFE) tube (External diameter: 2mm, internal diameter: 1mm, thickness: 0.5mm)
FLE-0905	Polytetrafluoroethylene-perfluoroalkylvinylether (PFA) tube (external diameter: 2mm, internal diameter: 1mm, thickness: 0.5mm)
FLE-0906	Tygon tube (R-3603, external diameter: 3.18mm, internal diameter: 1.59mm, thickness: 0.8mm)
FLE-0907	NDL label 1 (Label for collected material)
FLE-0908	NDL label 2 (Label for arrangement of books)
FLE-0909	NDL label 3 (Label for serial publication)
FLE-0910	NDL label 4 (Old retroactivity label)
FLE-0911	NDL label 5 (LC-1 label)
FLE-0912	NDL label 6 (LC-2 label)
FLE-0913	NDL label 7 (LC-3 label Computype TS505)
FLE-0914	NDL label 8 (LC-4 label QC1056)
FLE-0915	NDL label 9 (LC-5 label QC1502)
FLE-1001	Tube bandage (NE192 No.2)
FLE-1002	Tape (Double-faced, black, width: 10mm)
FLE-1003	Microchamber board (Outside: alkali buffer paper)
FLE-1004	Microchamber board (Middle: active charcal and molecular sieve)
FLE-1005	Microchamber board (Inside: neutral paper)
FLE-1006	Non-woven fabrics (NR91050, Rayon + pulp mixed)
FLE-1007	Deteriorated book of Japanese Diet Library No.12 (Edge)
FLE-1008	Deteriorated book of Japanese Diet Library No.12 (Middle)
FLE-1009	Bubble wrap (Polyethylene, #40)
FLE-1010	Substrate of adhesive tape (Polyethylene, Pyolan cloth for curing Y09CL)
FLE-1012	Preservation box (Proof processing, polypropylene film)
FLE-1013	Preservation box (Olefin-based adhesive)
FLE-1101	Non-woven fabrics KP8340
FLE-1102	Non-woven fabrics KP8380
FLE-1103	Non-woven fabrics KP9340
FLE-1104	Non-woven fabrics KP9380
FLE-1105	Polyethylene sheet (L-LDPE)
FLE-1201	Cloth EU-21
FLE-1202	Cloth EU-184
FLE-1203	Cloth EU-212

FLE-1204	Moisture proof sheet (Polyethylene, polypropylene and polyester)
FLE-1205	Wrapping film (Vinyl chloride-vinylidene chloride copolymer, P(VC-VdC), moisture proof sheet)
FLE-1206	Plywood t: 12mm (Front, pink surface)
FLE-1207	Plywood t: 12mm (Back, green surface)
FLE-1208	Plywood t: 12mm (Cross section)
FLE-1209	Urethane clear coating (Aqurex No.3350, aqueous)
FLE-1210	Inside of container (Polyethylene)
FLE-1211	Inner lid of container (Polyethylene)
FLE-1212	Adhesive agent (Moisture proof sheet tape, aluminium tape)
FLE-1213	Substrate of moisture proof sheet tape (Polypropylene)
FLE-1214	Adhesive agent (Moisture proof sheet tape)
FLE-1301	Cloth YD401-1
FLE-1302	Cloth YD405-1
FLE-1303	Japanese paper (Torinoko YB305)
FLE-1304	Japanese paper (Torinoko YB326)
FLE-1305	Japanese paper (Torinoko YB330)
FLE-1306	Matte paper (SC628)
FLE-1307	Acrylic plate Comoglas transparency (t: 8mm)
FLE-1308	Cloth undercoating sealer (Seal up)
FLE-1309	Cloth undercoating sealer (Plazol SS)
FLE-1310	Cloth putty (Revlon)
FLE-1311	Cloth paste (Adhesive, health coat)
FLE-1312	Cotton (Raw cotton)
FLE-1313	Adhesive agent (Starch-based, for wallpaper)
FLE-1314	Tape (Transparent, Scotch R)