

Product Overview				
Material	Chemical Name	Type/Options/Features	Brand name	Supplier
ABS	Acrylonitrile / Butadiene / Styrene	Flame retardant, transparent, high heat, high gloss, high impact, extrusion, food approval, medical approval	POLYLAC®	CHIMEI
ASA	Acrylonitrile / Styrene / Acrylate	UV resistance, high heat, high gloss	KIBILAC®	CHIMEI
PBT	Polybutylene Terephthalate	Unfilled, glass fibre, glass bead, flame retardant, low warp, hydrolysis resistant, food and water approval, medical approval	Crastin®	Celanese
	Polybutylene Terephthalate	Unfilled, glass fibre and glass sphere reinforced, glass fibre reinforced, glass fibre/mineral filled, flame retardant, UV stabilised, heat resistant, Medical Technology (MT®), laser marking, MetaLX™ metal effects	Celanex®	Celanese
PC	Polycarbonate	UV stabilised, food approval, medical approval, optical, flame retardant	WONDERLITE®	CHIMEI
PC/ABS	Polycarbonate/Acrylonitrile Butadiene Styrene Blend	Standard, ultra high impact, flame retardant	WONDERLOY®	CHIMEI
PE	Polyethylene	HDPE	Rigidex®	INEOS
			Eraclene®	Versalis
		LDPE	INEOS LDPE	INEOS
			Riblene®	Versalis
			Ipthene®	Bazan Group-Carmel
		LLDPE	INEOS LLDPE	INEOS
			Flexirene®	Versalis
		LLDPE, VLDPE, ULDPE	Clearflex®	Versalis
		mLLDPE	INEOS mLLDPE	INEOS
		Medical LDPE, LLDPE, HDPE	Eltex®MED	INEOS
			Pharmalene®	Versalis
		EVA	Greenflex®	Versalis
		Medical EVA	Pharmalene®	Versalis
		EBA	INEOS EBA	INEOS
Recycled HDPE	Biffa-r-HDPE	Biffa Polymers		
Recycled PE	Recycl-IN	INEOS		
PEEK	Polyether Ether Ketone	Glass filled, carbon filled	PEEK 2200 series	RTP Company
PET	Polyethylene Terephthalate	Glass filled, glass/mineral filled, flame retardant, lubricated, high gloss, food approval, low warpage	Rynite®	Celanese
PMMA	Polymethylmethacrylate (Acrylic)	UV stabilised, bead polymer, chemical resistance, frosted grades, low scratch, high UV resistance for extrusion, food approval	Diakon® Elvakon® TufCoat™	Lucite
PA	Polyamide PA6/ PA6.6/PA6/66/ PA6.12	Flame retardant, glass filled, heat stabilised, lubricated, non-halogen FR, food and water approval, medical approval	Zytel®	Celanese
		Mineral filled	Minlon®	Celanese
		High performance polyamide: metal replacement, high strength/stiffness balance, higher temperature applications	Zytel® HTN	Celanese
		Renewably sourced nylon	Zytel® RS	Celanese
	Polyamide PA6/ PA 6.6	Unfilled, glass fibre reinforced, UV stabilised, heat stabilised, low warpage, flame retardant, impact modified, high flow	Ecomid®	Celanese
	Polyamide PA6/ PA6.6/ PPA	Unfilled, glass fibre reinforced, mineral reinforced, glass ball filled, metal filled, UV stabilised, heat stabilised, impact modified, low abrasion	Celanyl®	Celanese
	Polyamide PA6/ PA6.6/ PPA	Flame retardant - Unfilled, glass fibre reinforced, mineral reinforced, heat stabilised, high flow, high gloss, high impact / impact modified, laser markable, low warpage, high gloss	Frianyl®	Celanese
	Polyamide PA10.10/ PA 6.10/ PA 6.12	Excellent thermal, flexible, chemical and hydrolysis resistance, food approval	Zytel® LCPA	Celanese
PPA	Standard, glass filled, flame retardant, heat stabilised, lubricated, toughened	Zytel® HTN	Celanese	
PP	Polypropylene	Homopolymer	Eltex® P	INEOS
		Block copolymer	Eltex® P	INEOS

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PP	Polypropylene	Medical	Eltex®MED	INEOS
		Random copolymer	Eltex® P	INEOS
		Recycled PP	Biffa® r-PP	Biffa Polymers
			Enthoven Recycled PP	H.J.Enthoven
	Hemp filled	Trifilon BioLite® Trifilon Revo® Trifilon Switch®	Trifilon	
PPS	Polyphenylene Sulfide	Flame retardant, glass/mineral filled	TORELINA™	TORAY
PS	Polystyrene	General purpose polystyrene	POLYREX™	ChiMei
		High impact polystyrene	POLYREX™	ChiMei
PVC	Polyvinyl Chloride	Flexible and rigid, clear, flame retardant, medical approval, weather stable, thermally stable	EVICOM™ Hy-Vin™	INEOS Compounds
PVOH	Polyvinyl Alcohol	Water soluble	PVOH	Distrupol
SAN	Styrene Acrylonitrile	Clarity, chemical resistance, low monomer residual technology, food approval	KIBISAN®	CHIMEI
SBC	Styrene Butadiene Copolymer	Crystal clarity and toughness	KIBITON®	CHIMEI
SBS & SEBS	Styrene Butadiene Styrene Block Copolymer	Shore 0A-62D, crystal clear, flame retardant, low and high temperature, 2K, recycled content, food approval, low VOC	Dryflex®	HEXPOL TPE
	Styrene Ethylene Butylene Styrene Block Copolymer	Medical	Mediprene®	HEXPOL TPE
TPC ET	Thermoplastic polyester elastomer	Shore 30D-82D, flame retardant, UV stabilised, food and water approval, medical approval, injection and extrusion	Hyrel®	Celanese
		Renewably sourced	Hyrel® ECO B	Celanese
TPV	Thermoplastic Vulcanisates	Shore 25A-45D, automotive approval, blow moulding	Sarlink®	Teknor Apex
TPU	Thermoplastic Urethane	Shore 35A-80D, flexible over wide temperature range, transparent, flame retardant, food approval, medical approval	Elastollan®	BASF
Additives		Antimicrobial, antiblock, antistats, biodegradable, blowing agents, flame retardant, fragrances, process aids, slip agent, UV stabilisers	Wells Plastics	Wells Plastics
		Anti-scratch silicone masterbatches	PEarlene™	Momentive
Colour Solutions		Masterbatch	Distrupol Colour	Distrupol Colour
		Colour and additive compounds	Distrupol Colour	Distrupol Colour
Purging Compound	Purging Compound	Purgex grades are comprised of active ingredients with a resin carrier and are engineered to clean thoroughly and quickly.	Purgex®	Neutrex



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