

Product Overview				
Material	Chemical Name	Type/Options/Features	Brand name	Supplier
ABS	Acrylonitrile / Butadiene / Styrene	Flame retardant, transparent, high heat, food approval	LG ABS	LG Chem
ASA	Acrylonitrile / Styrene / Acrylate	UV resistance, high heat, antistatic	LG ASA	
EVOH	Ethylene Vinylalcohol Copolymer	Barrier polymer	Soarnol™/ G-Soarnol™	MCPP
PBT	Polybutylene Terephthalate	Glass fibre, glass bead, flame retardant, food and water approval	Crastin®	Celanese
PC	Polycarbonate	UV stabilised, food approval, optical, flame retardant, medical	LG LUPOY®	LG Chem
			WONDERLITE®	CHIMEI
PC/ABS	Polycarbonate/Acrylonitrile Butadiene Styrene Blend	Flame retardant	LG LUPOY®	LG Chem
			WONDERLOY®	CHIMEI
PE	Ethylene Buthylene Copolymer	EBA	Lucofin®	Lucobit
		EBA - grafted		
	Polyethylene	EBA	INEOS EBA	INEOS
		HDPE	Rigidex®	
		LDPE	INEOS LDPE	
		LLDPE	INEOS LLDPE	
		mLLDPE	INEOS mLLDPE	
		PEX compound	Polidan®/ Polidiemme®	Padanaplast
		Recycled - HDPE	Biffa-r-HDPE	Biffa Polymers
		Recycled - LDPE	Akpol HDPE	Akpol
Recycled - PE	Akpol LDPE	Akpol		
Recycled - PE	Recycl-IN	INEOS		
PET	Polyethylene Terephthalate	Glass filled, glass/mineral filled, flame retardant, lubricated, high gloss	Rynite®	Celanese
PMMA	Polymethylmethacrylate (Acrylic)	UV stabilised, bead polymer, chemical resistance, frosted grades	Diakon®	Lucite
PA	Polyamide 6	PA 6 film grades	Alphalon®	Grupa Azoty
	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	Minton®	
		High performance polyamide: metal replacement, high strength/stiffness balance, higher temperature applications	Zytel® HTN	
	Renewably sourced nylon	Zytel® RS		
Polyamide PA10.10/ PA 6.10/ PA 6.12	Excellent thermal, flexible, chemical and hydrolysis resistance, food approval	Zytel® LCPA		
PPA	Standard, glass filled, flame retardant, heat stabilised, lubricated, toughened	Zytel® HTN		
POM	Polyoxymethylene (Acetal)	Homopolymer - UV stabilised, glass filled, advanced lubrication, antistatic, Teflon® filled, low emission, food and water approval, medical approval, toughened, injection and extrusion, metal detectable	Delrin®	DuPont
		Copolymer	LG LUCEL®	LG Chem

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PP	Polypropylene	Block Copolymer	Eltex® P	INEOS
		Homopolymer	Eltex® P	
		Medical	Eltex® Med	
		PP compounds	Thermofil®	Sumika
		Random Copolymers	Eltex® P	INEOS
		Recycle - PP	Akpol PP	Akpol
			Biffa r-PP compound	Biffa Polymers
		Hemp filled	Trifilon BioLite® Trifilon Revo® Trifilon Switch®	Trifilon
PPS	Polyphenylene Sulfide	Flame retardant, glass/mineral filled	LG LUSEP® PPS and sPS	LG Chem
PS	Polystyrene	General Purpose Polystyrene	POLYREX™	ChiMei
		High Impact Polystyrene	POLYREX™	
PVOH	Polyvinyl Alcohol	Barrier polymer	G-polymer™	MCPPP
SAN	Styrene Acrylonitrile	Clarity, chemical resistance	LG SAN	LG Chem
SBC	Styrene Butadiene Copolymer	Crystal clarity and toughness	KIBITON®	CHIMEI
SBS & SEBS	Styrene Butadiene Styrene Block Copolymer	Shore 40-90A, crystal clear, flame retardant, low and high temperature, 2K	Monprene®	Teknor Apex
			KIBITON®	CHIMEI
TPC ET	Thermoplastic polyester elastomer	Shore 30D-82D, flame retardant, UV stabilised, food and water approval	Hytrell®	Celanese
			Renewably sourced	
TPE	Thermoplastic Elastomers	Shore 25A-45D, automotive approval	Monprene	Teknor Apex
TPO & TPEE	Thermoplastic Elastomer, Olefinic	Injection moulding, wire and cable, hose and tubing, film and sheet	KEYFLEX®	LG Chem
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	Elastollan®	BASF
Additives		Antimicrobial, antiblock, antistats, biodegradable, blowing agents, flame retardant, fragrances, process aids, slip agent, UV stabilisers	Wells Plastics	Wells Plastics
		Slip, antiblock, antifog, PPA, blowing agent, UV-stabiliser, flame retardants	Luvobatch®	Lehmann & Voss
		Solvent-free PU adhesives	PU adhesive	Novacote®
Coatings		SB and WB coatings		
Colour Solutions		Masterbatch	Distrupol Colour	Distrupol Colour
		Colour and additive compounds	Distrupol Colour	
Purging Compound		PE carrier, FDA approval	Purgex®	Neutrex
Tie resin	PE MAH grafted PP MAH grafted	Tie resin	Plexar	Sojitz/MSIT/ Lyondell Basell

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