

# PolyOne

## Distribution



Polymer Family	Supplier: Trade Name	Grades Available
<b>ABS, MBS</b>	INEOS ABS: Lustran® Denka Dow: Magnum (Automotive only) Asahi Kasei Diamond Polymers MRC Satran®	general-purpose, flame-retardant, low-gloss, high-impact, transparent, weatherable
<b>ABS/Nylon</b>	INEOS ABS: Triax	general-purpose, high-gloss, glass-reinforced
<b>ABS/Polycarbonate</b>	Bayer: Bayblend® Dow: Pulse®, Emerge® MRC Naxaloy®	general-purpose, flame-retardant, automotive, reinforced, specialty, structural foam, bromine-free
<b>ABS/PVC</b>	PolyOne®	general-purpose, flame-retardant
<b>Acetal</b>	DuPont: Delrin®	general-purpose, lubricated, glass-reinforced, high-flow
<b>Acrylic</b>	Arkema: Plexiglas®	general-purpose, high-impact, high-flow, specialty-graded
<b>Acrylic Copolymer</b>	INEOS NOVA: Zylar®, NAS®	
<b>AES, ASA, AES/ASA Blends</b>	Diamond Polymers	weatherable, high-gloss, low-gloss
<b>Cellulosics</b>	Eastman: Tenite®	Acetate, Butyrate, Propionate
<b>Compounded Products</b>	PolyOne: Maxxam™, Maxxam FR™, Lubri-Tech™, Nymax™, Stat-Tech™ Therma-Tech™, Gravi-Tech™ Asahi Kasei	custom-compounded commodity and engineering thermoplastics with lubricants, additives, fillers reinforcements, conductive, etc.
<b>Copolyesters</b>	Eastman: Eastar®, Eastalloy®, Durastar®, Provista®	injection, extrusion, PET, PETG, PCTG
<b>Liquid Crystal Polymer</b>	DuPont: Zenite®	
<b>Modified Polyphenylene Ether</b>	Asahi Kasei: Xyron®	flame-retardant, glass-filled, NSF grades
<b>Nylon</b>	Arkema: Rilsan® 11, 12 Lanxess: Durethan® DuPont: Zytel® 6/6 & 6/12, FN, 6 HTN, GFR, Minlon® PolyOne: Nymax™, 6, 6/6, Edgetek Asahi Kasei MRC Emarex®	neat, ceramic- & glass-fiber-reinforced, glass- & mineral-filled, impact-modified, reduced-moisture, high-heat, flexible nylons, flame-retardant compounds
<b>Polycarbonate</b>	Bayer: Makrolon®, Apec® Dow: Calibre®, Emerge® MRC Naxell®	medical/FDA, flame-retardant, radiation grades, structural foam, optical extrusion, CD/DVD
<b>Polycarbonate/Polyester</b>	Bayer: Makroblend®	flame-retardant, impact-modified, reinforced, general-purpose
<b>Polyethylene</b>	Dow: Attane®, Dowlex®, Affinity®, Unipol® CP Chem: Marlex®, HiD® Westlake Flint Hills Resources: Rexene® Asahi Kasei AT Plastics® PolyOne	low-density, linear low-density, high-density, modified polyethylene, polyolefin elastomers, polyolefin plastomers, wire & cable, copolymer polyethylenes (EVA, EEA, EBAC, EMAC)
<b>Polymethylpentene</b>	Mitsui: TPX®	transparent, reinforced, filled, flame-retardant
<b>Polypropylene</b>	INEOS Dow Flint Hills Resources LyondellBasell PolyOne Asahi Kasei	homopolymers, impact copolymers, flame-retardant, reinforced, filled, random copolymers, chemically coupled
<b>Polystyrene</b>	INEOS NOVA Americas Styrenics PolyOne	general-purpose, high-impact, flame-retardant, specialty grades, advanced styrenic resins, structural foam
<b>PVC</b>	PolyOne: Geon®	flexible, rigid, extrusion, injection molding, wire & cable, medical
<b>SAN</b>	INEOS ABS: Lustran®	general-purpose, high-heat
<b>Styrene Butadiene Copolymer (SBC)</b>	CP Chem: K-Resin®	glass-like clarity, high-impact strength
<b>Ter Polymer</b>	PSG: Kostrate®	transparent, rigid, ductile, tough
<b>Thermoplastic Elastomers (TPE, TPV, TPO)</b>	Arkema - Pebax® LyondellBasell: Adflex® Dow Elastomers: Engage® Dow Plastomer: Affinity® DuPont: Elvax®, Hytrel® PolyOne: GLS Dynaflex™, Dynalloy™, OnFlex™, Versaflex™ MRC Maxtel®	
<b>Thermoplastic Polyester</b>	DuPont: Crastin® PBT, Rynite® PET Eastman: Copolyester	flame-retardant, reinforced, electrically and thermally conductive, extrusion, injection molding
<b>Thermoplastic Polyurethane</b>	Bayer: Texin®, Desmopan®	flexible, rigid, long glass, reinforced, transparent, flame-retardant

Polymer Characteristics	Product	Supplier
<b>High-Temperature Thermoplastics</b>	Filled PPS, PEI, Sulfone High-Heat Polycarbonate High-Heat Polypropylene High-Heat ABS Liquid Crystal Polymers Nylons Neat and Filled Polycarbonate Polyester: PET, PBT, Alloys TPX® Modified Polyphenylene Ether (mPPE)	PolyOne Bayer Flint Hills Resources, LyondellBasell, INEOS INEOS ABS DuPont Lanxess, DuPont, Asahi Kasei, PolyOne, Custom Resins, MRC, Arkema Bayer, Dow, PolyOne DuPont, Asahi Kasei, PolyOne Mitsui Asahi Kasei
<b>Ignition-Resistant/Flame-Retardant</b> Although these products contain ignition-resistant flame-retardant chemical additives, they will burn under the right conditions. Please consult the specific manufacturer's product information.	ABS High-Impact Polystyrene Nylon Polycarbonate Polycarbonate/Polyester Alloy Polyester, PET, PBT Polypropylene PVC, Rigid	INEOS ABS, Diamond Asahi Kasei, PMC Group, Dow Lanxess, DuPont Bayer, Dow Bayer, Dow, Asahi Kasei DuPont PolyOne, PMC Group PolyOne
<b>Transparent Polymers</b> See-through or contact clarity grades.	ABS Acrylic Acrylic Copolymer, NAS, Zylar Amorphous Nylon Cellulosics Clarified Polypropylene Clear Rigid PVC General-Purpose Polystyrene High Molecular Weight PS – HMWPS High-Heat Polycarbonate Nylon PET, Polyesters, Copolyesters Polycarbonate Polystyrene SAN Styrene Block Copolymers TPX® Ter Polymer	INEOS ABS Arkema INEOS NOVA DuPont Eastman INEOS Olefins & Polymers USA, Flint Hills Resources, LyondellBasell, Dow PolyOne INEOS NOVA, Americas Styrenics Denka Bayer Arkema Eastman Bayer, Dow, MRC Americas Styrenics, INEOS NOVA, PolyOne INEOS ABS CP Chem Mitsui PSG
<b>Flexible Thermoplastic</b>	EEA EVA Flexible Nylon Alloy Flexible PVC Pebax® Polyester Elastomer Polyolefin Elastomers Polyolefin Plastomers Polyurethane/ABS Alloy Polyurethane/Polycarbonate Alloy Polyurethane/PVC Alloy TPE TPO Compounds TPU TPR-PVC Alloy TPV Ultra Low/Very Low PE	Dow DuPont, AT Plastics, Westlake DuPont PolyOne Arkema DuPont Dow Dow Dow Bayer PolyOne Dow, DuPont, PolyOne PolyOne, LyondellBasell, Flint Hills Resources Bayer, PolyOne PolyOne PolyOne Dow
<b>Commodity Product</b>	Polyethylene Polypropylene  Polystyrene PVC	Dow, Westlake, CP Chem LyondellBasell, Dow, Flint Hills Resources, Asahi Kasei, PolyOne INEOS INEOS NOVA, Dow, CP Chem PolyOne
<b>Wire &amp; Cable</b>	Polyethylene Polypropylene Color Concentrates PVC	Dow LyondellBasell, Dow PolyOne PolyOne



**+** Warehouse and Sales/Services

**▼** Warehouse

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