



Top 30 Polymers: Uses

POLYMER	USES				
ABS	Automotive Parts	Electronics	Toys	Household Goods	Appliance Housings
Polypropylene (PP)	Automotive Parts	Packaging	Housewares	Containers	Luggage
Polyethylene (PE)	Packaging	Housewares	Containers	Toys	Pipes
Nylon (PA6)	Automotive Parts	Gears	Bearings	Textile Machinery	Industrial Parts
Polycarbonate (PC)	Optical Lenses	Medical Equipment	Automotive Lighting	Electronic Components	Housewares
POM (Acetal)	Gears	Bearings	Automotive Parts	Industrial Applications	Pump Parts
Polyetheretherketone (PEEK)	Aerospace Parts	Medical Implants	Semiconductors	Automotive Components	Industrial Parts
Polyethylene Terephthalate (PET)	Bottles	Containers	Packaging	Automotive Parts	Textiles
Polystyrene (PS)	Packaging	Toys	Consumer Goods	Appliance Housings	Housewares
Polymethyl Methacrylate (PMMA)	Optical Lenses	Signage	Displays	Medical Equipment	Lighting
Thermoplastic Polyurethane (TPU)	Automotive Parts	Footwear	Seals	Gaskets	Medical Tubing
High-Density Polyethylene (HDPE)	Pipes	Containers	Consumer Goods	Fuel Tanks	Toys
Low-Density Polyethylene (LDPE)	Plastic Bags	Containers	Packaging	Film Applications	Housewares
Polyphenylene Sulfide (PPS)	Automotive Parts	Industrial Parts	Pump Parts	Electrical Components	Appliance Housings
Polyamide-imide (PAI)	Aerospace Parts	Medical Parts	Semiconductors	Industrial Components	Electrical Components
Polyvinyl Chloride (PVC)	Pipes	Flooring	Window Frames	Consumer Goods	Wire Insulation
Polysulfone (PSU)	Automotive Parts	Medical Devices	Plumbing	Food Processing Equipment	Water Purification
Liquid Crystal Polymer (LCP)	Automotive Parts	Electronics	Semiconductors	Medical Devices	Aerospace
Polybutylene Terephthalate (PBT)	Automotive Parts	Appliance Parts	Industrial Parts	Electrical Connectors	Consumer Goods
Polyketone (PK)	Gears	Bearings	Automotive Parts	Industrial Parts	Conveyors
Polyphenylene Oxide (PPO)	Automotive Parts	Electrical Housings	Appliance Housings	Industrial Equipment	Medical Parts
Thermoplastic Elastomer (TPE)	Automotive Parts	Footwear	Consumer Goods	Seals	Gaskets
Polycarbonate + ABS (PC-ABS)	Automotive Parts	Appliance Housings	Medical Devices	Consumer Electronics	Office Equipment
Ethylene Vinyl Acetate (EVA)	Footwear	Packaging	Consumer Goods	Sports Equipment	Medical Tubing
Polyetherimide (PEI)	Automotive Parts	Aerospace	Medical Equipment	Consumer Electronics	Industrial Parts
Nylon 12	Electrical Connectors	Flexible Tubing	Automotive Fuel Lines	Aerospace Components	Sports Equipment
Polyvinylidene Fluoride (PVDF)	Piping	Medical Devices	Electronics	Aerospace Components	Industrial Parts
Polyether Sulfone (PES)	Medical Devices	Electronics	Aerospace	Automotive Components	Industrial Parts
Polyethylene Naphthalate (PEN)	Automotive Parts	Packaging	Containers	Bottles	Electronics
Polyamide 11 (PA 11)	Medical Devices	Aerospace	Flexible Tubing	Sports Equipment	Consumer Goods