









Plastic Comparison Chart

Material Code Symbol	Resin	Clarity	Mositure Barrier	Oxygen Barrier	Max Temp Resistance	Min. Temp. Resistance	Rigity	Resistance to Impact	Resistance to Heat	Resistance to Cold	Resistance to Sunlight	General Industry Uses
 PETE	Polyethylene Terephthalate	Clear	Fair to Good	Good	176° F	- 58° F	Moderate to High	Good to Excellent	Poor to Fair	Good	Good	Cosmetics, Pharmaceuticals, Carbonated Beverages, Mouthwashes, Liquors
 HDPE	High Density Polyethylene	Translucent	Good to Excellent	Poor	230° F	- 148° F	Moderate	Good to Excellent	Good	Excellent	Fair	Detergents, Bleaches, Syrups, Industrial Cleaning Products, Cosmetics, Industrial & Edible Oils
 V	Polyvinylchloride	Clear	Fair	Good	158° F	- 13° F	Moderate to High	Fair to Good	Poor to Fair	Fair	Poor to Good	Cosmetics, Personal Care, Household Chemicals, Edible Oils, Vinegars
 LDPE	Low Density Polyethylene	Translucent	Good	Poor	176° F	- 58° F	Low	Excellent	Fair	Excellent	Fair	Cosmetics, Pharmaceuticals, Personal Care
 PP	Polypropylene	Translucent	Good to Excellent	Poor	275° F	32° F	Moderate to High	Poor to Good	Good	Poor to Fair	Fair	Pharmaceuticals, Cosmetics, Syrups, Juices, Personal Care
 PS	Polystyrene	Clear	Poor to Fair	Fair	140° F	- 40° F	Moderate to High	Fair to Good	Poor to Fair	Fair	Poor to Good	Pharmaceuticals, Jellies, Jams, Vitamins, Spices