

Resin Comparison Guide

Properties	 PETE Polyethylene Terephthalate	 HDPE High Density Polyethylene	 V Polyvinyl Chloride(PVC)	 LDPE Low Density Polyethylene	 PP Polypropylene	 PS Polystyrene	 Other Plastics
Clarity	Clear	Translucent	Clear	Translucent	Translucent	Clear	
Moisture Barrier	Fair to Good	Good to Excellent	Fair	Good	Good to Excellent	Poor to Fair	
Oxygen Barrier	Good	Poor	Good	Poor	Poor	Fair	
Distortion Temperature	145°F	160°F	150°F	160°F	212°F	150°F	
Rigidity	High	Moderate	High	Low	Moderate	High	
Resistance to Impact	Excellent	Excellent	Good	Excellent	Fair	Poor	
Resistance to Cold	Good	Excellent	Fair	Excellent	Poor to Fair	Poor	Plastic ID Code "7" is for Other Plastics
Resistance to Sunlight	Good	Fair	Poor to Good	Fair	Fair	Poor to Fair	
Resistance to Acids	Fair	Good	Good	Medium	Good	Medium	
Resistance to Alcohol	Good	Good	Very Good	Good	Good	Fair	
Resistance to Alkalis	Good	Very Good	Good	Very Good	Very Good	Good	
Resistance to Solvents	Poor	Very Good	Good	Very Good	Very Good	Good	