

Consult this chart to select the plastic that's most suited to your needs.

	 PET Polyethylene Terephthalate	 HDPE High-density Polyethylene	 PVC Polyvinyl Chloride	 LDPE Low-density Polyethylene	 PP Polypropylene	 PS Polystyrene
Transparency	Clear	Translucent	Clear	Translucent	Translucent	Clear
Moisture	Fair to Good	Good to Excellent	Fair	Good	Good to Excellent	Poor to Fair
Oxygen	Good	Poor	Good	Poor	Poor	Fair
Rigidity	Moderate to High	Moderate	Moderate to High	Low	Moderate to High	Moderate to High
Cold	Good	Excellent	Fair	Excellent	Poor to Fair	Poor
Heat	Poor to Fair	Good	Poor to Fair	Fair	Good	Fair
Max Temp (°F)	120°	145°	140°	120°	165°	150°
Max Temp (°C)	49°	62°	60°	49°	74°	65°

Plastic packaging components are made from a variety of plastic resin families.

Each one involves specific processes and has unique properties.

This reference chart contains commonly accessible data and is designed to provide background information, only.

RODA Packaging makes no guarantee of suitability relating to specific components in this chart.

A proper testing protocol is required for all projects.