

PROPERTIES OF RESINS

	Polyester	Polyester	Polyvinyl Chloride	Polyethylene	Polyethylene	Polypropylene
PROPERTIES	PET	PETG	PVC	HDPE	LDPE	PP
Clarity	Clear	Clear	Clear	Translucent	Translucent	Translucent
Rigidity/Stiffness	Moderate to High	Moderate to High	Moderate to High	Moderate	Low	Moderate to High
Impact Resistance	Good to Excellent	Good	Fair to Good	Good to Excellent	Excellent	Poor to Good
Low Temperature / Impact Resistance	Fair to Good	Poor	Poor to Fair	Good to Excellent	Excellent	Poor to Good
Stress Crack Resistance	Good to Excellent	Good	Good to Excellent	Good to Excellent	Good	Good to Excellent
Moisture Barrier	Fair to Good	Fair to Good	Fair	Good to Excellent	Good	Good to Excellent
Oxygen Barrier	Good	Good	Good	Poor	Poor	Poor
Scuff Resistance	Poor to Fair	Poor to Fair	Poor to Fair	Very Good	Very Poor	Very Good

	Polyester	Polyester	Polyvinyl Chloride	Polyethylene	Polyethylene	Polypropylene
RESISTANCE TO:	PET	PETG	PVC	HDPE	LDPE	PP
Acids	Fair to Good	Fair to Good	Good to Excellent	Fair to Very Good	Fair to Very Good	Fair to Good
Alcohols	Good	Good	Good to Very Good	Good	Good	Good
Alkalis	Poor to Fair	Poor to Fair	Good to Very Good	Good to Very Good	Good to Very Good	Very Good
Mineral Oils	Good	Good	Good	Fair	Poor to Fair	Fair
Solvents	Good	Good	Fair to Good	Poor to Fair	Poor to Fair	Poor to Good
Heat	Poor to Fair	Poor to fair	Poor to Fair	Good	Fair	Good
Cold	Good	Good	Fair	Excellent	Excellent	Poor to Fair
Sunlight	Good	Good	Poor to Good	Fair	Fair	Fair

This information is supplied for use as a guideline only. Information may vary under certain conditions. It is the responsibility of the customer to test the compatibility of each bottle for its intended use.