



PETG SP-7120

Polyethylene terephthalate, clear amorphous thermoplastic

SP-7120 PETG is a high clarity thin gauge co-polyester available in rolls and sheets. This material can be vacuum formed to produce products that have excellent definition as well as cold temperature impact strength. Printing via offset or screen-printing is also an excellent use of PETG. In addition, SP-7120 lends itself to excellent recyclability for both the manufacturer and the consumer.

PETG SP-7120 Data

Test	Condition	Units	Value
Specific Gravity	ASTM D792	g/cm ³	1.27
Tensile Modulus	ASTM D638	psi	320,000
Tensile Strength	ASTM D638	psi	7,700
Flexural Modulus	ASTM D790	psi	310,000
Flexural Strength	ASTM D790	psi	11,200
Izod Impact	ASTM D256	Ft-lbs/in.	1.7
	(73°F, -40°C)		0.7
Heat Deflection Temperature	ASTM D648	°F	165
Hardness	ASTM D785	Rockwell R	115
Flammability Ratings	UL94 HB		Passes

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