

Spartech Polyester PETG SP-7120

Polyethylene Terephthalate Glycol Comonomer

Spartech Plastics

Message:

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.

General Information			
Features	Excellent printability		
	Recyclable materials		
	Low temperature impact resistance		
	Definition, high		
Uses	Screen printing		
Forms	Films		
	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2210	MPa	ASTM D638
Tensile Strength (Yield)	53.1	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Flexural Strength	77.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	37	J/m	ASTM D256
23°C	91	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.9	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

