

Spectar™ Sheet

Copolyester
Spartech Plastics

Message:

Spectar Sheet is manufactured from Eastman Spectar resin. It is a high clarity, good impact rigid Copolyester, which provides excellent physical properties for Point of Purchase and many other applications. Spectar Sheet range in thickness from .040" to .375" Gauges less than .040 are commonly known as PETG sheet. Colors, Matte and Frost sheets are available.

General Information			
Features	Rigidity, high		
	Impact resistance, good		
	Definition, high		
Appearance	Rough surface polishing		
	Available colors		
	Frost white		
Forms	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			UL 94
2.97 mm ¹	HB		UL 94
3.02 mm ²	V-2		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss	90		ASTM D523
NOTE			

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|----|---------------|
| 1. | <0.118 inches |
| 2. | >0.118 inches |

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Recommended distributors for this material

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