

Spartech Spectar® UV Copolyester Sheet

Category : Polymer , Thermoplastic , Polyester, TP

Material Notes:

Description: Copolyester SheetSpartech is a registered trademark of Eastman Chemical Company.Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Spectar-UV-Copolyester-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Yield	53.1 MPa	7700 psi	ASTM D638
Tensile Modulus	2.21 GPa	320 ksi	ASTM D638
Flexural Yield Strength	77.2 MPa	11200 psi	ASTM D790
Flexural Modulus	2.14 GPa	310 ksi	ASTM D790
Izod Impact, Unnotched	0.908 J/cm	1.70 ft-lb/in	ASTM D256
	0.374 J/cm	0.700 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear	72.0 µm/m-°C	40.0 µin/in-°F	ASTM D696
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	73.9 °C	165 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	ASTM D648

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