

Spartech GELOY SP-6730 Weatherable Sheet

Category : Polymer , Thermoplastic , ABS Polymer , ASA Polymer

Material Notes:

Description: Weatherable SheetGeloy is a registered trademark of General Electric Company.Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-GELOY-SP-6730-Weatherable-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D785
Tensile Strength, Yield	32.4 MPa	4700 psi	ASTM D638
Tensile Modulus	1.93 GPa	280 ksi	ASTM D638
Flexural Yield Strength	51.7 MPa	7500 psi	ASTM D790
Flexural Modulus	1.93 GPa	280 ksi	ASTM D790
Izod Impact, Unnotched	3.74 J/cm	7.00 ft-lb/in	ASTM D256
	0.854 J/cm	1.60 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	
Falling Dart Impact	29.8 J	22.0 ft-lb	73°F; ASTM D3029
	19.0 J	14.0 ft-lb	ASTM D3029
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear	90.0 Åµm/m-Å°C	50.0 Åµin/in-Å°F	ASTM D696
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	79.4 Å°C	175 Å°F	ASTM D648
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
Gloss	90 %	90 %	Gardner; ASTM D2523

Optical Properties

Metric

English

Comments

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