

Spartech Weather-Pro G Weatherable Sheet

Category : Polymer , Thermoplastic

Material Notes:

Description: Weatherable Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Weather-Pro-G-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 L	85	85	ASTM D785
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Tensile Modulus	2.48 GPa	360 ksi	ASTM D638
Flexural Yield Strength	51.7 MPa	7500 psi	ASTM D790
Flexural Modulus	0.0731 GPa	10.6 ksi	ASTM D790
Izod Impact, Unnotched	1.92 J/cm	3.60 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	90.0 $\mu\text{m/m-}^{\circ}\text{C}$ @Temperature 20.0 $^{\circ}\text{C}$	50.0 $\mu\text{in/in-}^{\circ}\text{F}$ @Temperature 68.0 $^{\circ}\text{F}$	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	92.2 $^{\circ}\text{C}$	198 $^{\circ}\text{F}$	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	82.2 $^{\circ}\text{C}$	180 $^{\circ}\text{F}$	ASTM D648
Flammability, UL94	HB	HB	

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

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