

Spartech Panel Pro ABS UV-Resistant Embossed Sheet Specialty Sheet

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Sheet

Material Notes:

Description: Specialty Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Panel-Pro-ABS-UV-Resistant-Embossed-Sheet-Specialty-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	99	99	ASTM D785
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D638
Tensile Modulus	2.14 GPa	310 ksi	ASTM D638
Flexural Yield Strength	68.9 MPa	10000 psi	ASTM D790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Unnotched	4.00 J/cm	7.50 ft-lb/in	ASTM D256
	1.33 J/cm @Temperature -40.0 Â°C	2.50 ft-lb/in @Temperature -40.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	90.0 Âµm/m-Â°C @Temperature 20.0 Â°C	50.0 Âµin/in-Â°F @Temperature 68.0 Â°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	92.2 Â°C	198 Â°F	ASTM D648

Optical Properties	Metric	English	Comments
Gloss	86 %	86 %	Gardner; ASTM D2523

Descriptive Properties	Value	Comments
Flammability	Passes	MVSS (Motor Vehicle Safety Standard) 302

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