

Spartech SP-9030 Economy ABS Sheet

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

Material Notes:

Description: ABS Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-SP-9030-Economy-ABS-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	105	105	ASTM D785
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Tensile Modulus	2.00 GPa	290 ksi	ASTM D638
Flexural Yield Strength	55.2 MPa	8000 psi	ASTM D790
Flexural Modulus	2.14 GPa	310 ksi	ASTM D790
Izod Impact, Unnotched	2.67 J/cm	5.00 ft-lb/in	ASTM D256
	0.747 J/cm @Temperature -40.0 °C	1.40 ft-lb/in @Temperature -40.0 °F	ASTM D256
Falling Dart Impact	20.3 J	15.0 ft-lb	73°F; ASTM D3029
	8.13 J @Temperature -40.0 °C	6.00 ft-lb @Temperature -40.0 °F	ASTM D3029

Thermal Properties	Metric	English	Comments
CTE, linear	90.0 Åµm/m-Å°C @Temperature 20.0 Å°C	50.0 Åµin/in-Å°F @Temperature 68.0 Å°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	87.8 Å°C	190 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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