

Spartech SP-9013 FR/ABS Flame Retardant Sheet

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

Material Notes:

Description: Flame Retardant Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-SP-9013-FRABS-Flame-Retardant-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 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	67.6 MPa	9800 psi	ASTM D790
Flexural Modulus	2.14 GPa	310 ksi	ASTM D790
Izod Impact, Unnotched	3.20 J/cm	6.00 ft-lb/in	ASTM D256
	0.587 J/cm @Temperature -40.0 Â°C	1.10 ft-lb/in @Temperature -40.0 Â°F	ASTM D256
Falling Dart Impact	31.2 J	23.0 ft-lb	73Â°F; ASTM D3029
	13.6 J @Temperature -40.0 Â°C	10.0 ft-lb @Temperature -40.0 Â°F	ASTM D3029

Thermal Properties	Metric	English	Comments
CTE, linear	101 Âµm/m-Â°C @Temperature 20.0 Â°C	56.0 Âµin/in-Â°F @Temperature 68.0 Â°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	82.2 Â°C	180 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	5V

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

Optical Properties

Metric

English

Comments

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