

Spartech SP-9070 ABS/PVC Flame Retardant Sheet

Category : Polymer , Thermoplastic , ABS Polymer , ABS/PVC Alloy , Vinyl (PVC)

Material Notes:

Description: Flame Retardant Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-SP-9070-ABSPVC-Flame-Retardant-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	37.9 MPa	5500 psi	ASTM D638
Tensile Modulus	2.14 GPa	310 ksi	ASTM D638
Flexural Yield Strength	68.9 MPa	10000 psi	ASTM D790
Flexural Modulus	2.28 GPa	330 ksi	ASTM D790
Izod Impact, Unnotched	6.41 J/cm	12.0 ft-lb/in	ASTM D256
	0.534 J/cm	1.00 ft-lb/in	ASTM D256
	@Temperature -40.0 Â°C	@Temperature -40.0 Â°F	
Falling Dart Impact	55.6 J	41.0 ft-lb	73Â°F; ASTM D3029
	27.1 J	20.0 ft-lb	ASTM D3029
	@Temperature -40.0 Â°C	@Temperature -40.0 Â°F	

Thermal Properties	Metric	English	Comments
CTE, linear	75.6 Âµm/m-Â°C	42.0 Âµin/in-Â°F	ASTM D696
	@Temperature 20.0 Â°C	@Temperature 68.0 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	72.2 Â°C	162 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	5V

Optical Properties	Metric	English	Comments
Gloss	20 %	20 %	Gardner; ASTM D2523

Optical Properties	Metric	English	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

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