

## Spartech Korad® SP-9071 FR/ABS Flame Retardant Sheet

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

### Material Notes:

Description: Flame Retardant SheetKorad is a registered trademark of Polymer Extruded Products, Inc..Information provided by Spartech.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Spartech-Korad-SP-9071-FRABS-Flame-Retardant-Sheet.php](http://www.lookpolymers.com/polymer_Spartech-Korad-SP-9071-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	1.10 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	
Falling Dart Impact	31.2 J	23.0 ft-lb	73°F; ASTM D3029
	13.6 J	10.0 ft-lb	ASTM D3029
	@Temperature -40.0 °C	@Temperature -40.0 °F	

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

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

Optical Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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