

## Spartech SP-9080 High Heat 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-9080-High-Heat-ABS-Sheet.php](http://www.lookpolymers.com/polymer_Spartech-SP-9080-High-Heat-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	42.7 MPa	6200 psi	ASTM D638
Tensile Modulus	2.21 GPa	320 ksi	ASTM D638
Flexural Yield Strength	75.8 MPa	11000 psi	ASTM D790
Flexural Modulus	2.48 GPa	360 ksi	ASTM D790
Izod Impact, Unnotched	3.47 J/cm	6.50 ft-lb/in	ASTM D256
Falling Dart Impact	20.3 J	15.0 ft-lb	73°F; ASTM D3029
	4.07 J @Temperature -40.0 °C	3.00 ft-lb @Temperature -40.0 °F	ASTM D3029

Thermal Properties	Metric	English	Comments
CTE, linear	90.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$ @Temperature 20.0 °C	50.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$ @Temperature 68.0 Å°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	106 Å°C	222 Å°F	ASTM D648
Flammability, UL94	HB	HB	

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

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

Descriptive Properties	Passes Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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