

Spartech SP-9050 Low Gloss 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-9050-Low-Gloss-ABS-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	81	81	ASTM D785
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Tensile Modulus	1.93 GPa	280 ksi	ASTM D638
Flexural Yield Strength	62.1 MPa	9000 psi	ASTM D790
Flexural Modulus	2.07 GPa	300 ksi	ASTM D790
Izod Impact, Unnotched	3.74 J/cm	7.00 ft-lb/in	ASTM D256
	1.07 J/cm	2.00 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	
Falling Dart Impact	40.7 J	30.0 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	90.0 µm/m-°C	50.0 µin/in-°F	ASTM D696
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	90.6 °C	195 °F	ASTM D648
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
Gloss	16 %	16 %	Gardner; ASTM D2523

Optical Properties	Metric	English	Comments
Descriptive Properties	Value	Comments	
Flammability	Passes	MVSS (Motor Vehicle Safety Standard) 302	

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