

Spartech Sta-Tuf High Impact Thermoplastic Alloy Sign Grade Sheet

Category : Polymer , Thermoplastic

Material Notes:

Description: Sign Grade Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Sta-Tuf-High-Impact-Thermoplastic-Alloy-Sign-Grade-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	37.9 MPa	5500 psi	ASTM D638
Tensile Modulus	2.07 GPa	300 ksi	ASTM D638
Flexural Yield Strength	57.2 MPa	8300 psi	ASTM D790
Flexural Modulus	2.28 GPa	330 ksi	ASTM D790
Izod Impact, Unnotched	1.07 J/cm	2.00 ft-lb/in	ASTM D256
	0.374 J/cm @Temperature -40.0 Â°C	0.700 ft-lb/in @Temperature -40.0 Â°F	ASTM D256
Falling Dart Impact	187 J	138 ft-lb	73Â°F; ASTM D3029

Thermal Properties	Metric	English	Comments
CTE, linear	99.0 Âµm/m-Â°C @Temperature 20.0 Â°C	55.0 Âµin/in-Â°F @Temperature 68.0 Â°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	85.0 Â°C	185 Â°F	ASTM D648
Flammability, UL94	HB	HB	

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China