

Spartech Litho SP-2090 Polystyrene Sheet

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Extrusion Grade

Material Notes:

Description: Polystyrene Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Litho-SP-2090-Polystyrene-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell L	63	63	ASTM D785
Tensile Strength, Yield	22.8 MPa	3300 psi	ASTM D638
Tensile Modulus	1.65 GPa	240 ksi	ASTM D638
Flexural Yield Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	1.55 GPa	225 ksi	ASTM D790
Izod Impact, Unnotched	0.801 J/cm	1.50 ft-lb/in	ASTM D256
Falling Dart Impact	624 J	460 ft-lb	73°F; NBS PS-31-70

Thermal Properties	Metric	English	Comments
CTE, linear	81.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	45.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	ASTM D696
	@Temperature 20.0 $\text{Å}^\circ\text{C}$	@Temperature 68.0 $\text{Å}^\circ\text{F}$	
Deflection Temperature at 1.8 MPa (264 psi)	85.0 $\text{Å}^\circ\text{C}$	185 $\text{Å}^\circ\text{F}$	ASTM D648
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
Gloss	15 %	15 %	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