

Spartech Polycast SP 1.25 Cell Cast Acrylic

Category : Polymer , Thermoplastic , Acrylic (PMMA)

Material Notes:

Description: Cell Cast Acrylic Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Polycast-SP-125-Cell-Cast-Acrylic.php

Physical Properties	Metric	English	Comments
Water Absorption	0.20 %	0.20 %	24 hr immersion

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	64.8 MPa	9400 psi	ASTM D638
Tensile Modulus	2.76 GPa	400 ksi	ASTM D638
Compressive Modulus	2.76 GPa	400 ksi	ASTM D695

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	76.7 Â°C	170 Â°F	
Minimum Service Temperature, Air	-32.2 Â°C	-26.0 Â°F	Lowest Temp Tested for Bullet Resistance
Flame Spread	5.8 mm/min	0.23 in/min	Burning Rate UL 94 HB; ASTM D635

Optical Properties	Metric	English	Comments
Haze	<= 1.5 %	<= 1.5 %	As Cast; ASTM D1003
Yellow Index	<= 1.0 %	<= 1.0 %	As Cast; ASTM D1925
Transmission, Visible	>= 85 %	>= 85 %	As Cast; ASTM D1003
UV Transmittance	0.00 % @Wavelength 320 nm	0.00 % @Wavelength 320 nm	

Descriptive Properties	Value	Comments
Ballistic Protection	.44 Magnum	
Smoke Density	Max 65%; Rating 49%	ASTM D2843

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