

Supreme Petrochem SC 206 General Purpose Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Molded, Unreinforced

Material Notes:

Characteristics Good flow grade with clarity & shine Improves aesthetics of final product Processing Molding Applications Crystal ware, paper weights, house ware Beads, Bangles, gift articles, trays, combs etc. Medical applications like sample collectors, PS bottles, test tubes, petri dishes etc. Material Status: Commercial : Active Agency Ratings: FDA 21 CFR 177.1640 Information provided by Supreme Petrochem LTD

Order this product through the following link:

http://www.lookpolymers.com/polymer_Supreme-Petrochem-SC-206-General-Purpose-Polystyrene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	12 g/10 min @Load 5.00 kg, Temperature 200 Â°C	12 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	47.1 MPa	6830 psi	50 mm/min; ASTM D638
Elongation at Break	2.0 %	2.0 %	50 mm/min; ASTM D638
Flexural Strength	74.5 MPa @Thickness 3.20 mm	10800 psi @Thickness 0.126 in	ASTM D790
Flexural Modulus	3.04 GPa @Thickness 3.20 mm	441 ksi @Thickness 0.126 in	ASTM D790
Izod Impact, Notched	0.200 J/cm @Thickness 3.20 mm	0.375 ft-lb/in @Thickness 0.126 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	81.0 Â°C	178 Â°F	ASTM D648
Vicat Softening Point	100 Â°C	212 Â°F	1kg / 120Â°C; ASTM D1525
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 260 Â°C	356 - 500 Â°F	

Processing Properties

Metric 50.0 A°C

English 10 A°F

Comments

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