

Total PSC 525 Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Polystyrene 525 is a crystal polystyrene for both injection molding and cap layer co-extrusion. Injection molding applications such as medical and laboratory parts, tumblers and jewel boxes demonstrate the polymers ability to be molded with minimal stresses and fast cycles. Utilizing 525 as a cap layer in cups, plates, and other consumer disposables takes advantage of this polymers melt rheology. Information provided by Total Petrochemicals, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PSC-525-Polystyrene.php

Physical Properties	Metric	English	Comments
Melt Flow	9.0 g/10 min @Load 5.00 kg, Temperature 200 °C	9.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	46.2 MPa	6700 psi	ASTM D638
Tensile Modulus	3.03 GPa	440 ksi	ASTM D638
Flexural Strength	93.1 MPa	13500 psi	ASTM D790
Flexural Modulus	3.10 GPa	450 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	96.7 °C	206 °F	Heat Distortion, Annealed; ASTM D648
Vicat Softening Point	101 °C	213 °F	ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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