

Total PSC 523 Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Polystyrene 523 is a high flow, high heat crystal. Specially designed for foam applications it has a very narrow molecular weight distribution. Performance in extruded loose fill foam is excellent due to the tailored molecular weight profile. Information provided by Total Petrochemicals, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PSC-523-Polystyrene.php

Physical Properties	Metric	English	Comments
Melt Flow	11 g/10 min	11 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 200 °C	@Load 11.0 lb, Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	44.8 MPa	6500 psi	ASTM D638
Tensile Modulus	3.03 GPa	440 ksi	ASTM D638
Flexural Strength	82.0 MPa	11900 psi	ASTM D790
Flexural Modulus	3.31 GPa	480 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	97.2 °C	207 °F	Heat Distortion, Annealed; ASTM D648
Vicat Softening Point	103 °C	218 °F	ASTM D1525

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