

Total PSC 536 Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Heat Resistant Grade

Material Notes:

Polystyrene 536 is a high melt flow; high heat crystal polystyrene. Designed for fast cycle injection molding and for high output, direct injection profile extrusion for foam applications. Information provided by Total Petrochemicals, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PSC-536-Polystyrene.php

Physical Properties	Metric	English	Comments
Melt Flow	8.5 g/10 min @Load 5.00 kg, Temperature 200 °C	8.5 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	44.8 MPa	6500 psi	ASTM D638
Tensile Modulus	2.96 GPa	430 ksi	ASTM D638
Flexural Strength	80.7 MPa	11700 psi	ASTM D790
Flexural Modulus	2.96 GPa	430 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	98.9 °C	210 °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