

Total PSC 524B Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Polystyrene 524B is a general purpose crystal polystyrene targeted for gloss coextrusion cap applications. It is specially formulated to reduce die buildup and die lines. Information provided by Total Petrochemicals, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PSC-524B-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	46.2 MPa	6700 psi	ASTM D790
Flexural Modulus	3.03 GPa	440 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

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