

Tipco Tipcolene® SEB 400 - 40% Chemically Coupled Glass Fibers Polypropylene Homopolymer with High Heat Stability

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

40% Chemically Coupled Glass Reinforced PP Homopolymer Applications: General Purpose Processing: Injection Molding Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tipco-Tipcolene-SEB-400-40-Chemically-Coupled-Glass-Fibers-Polypropylene-Homopolymer-with-High-Heat-Stability.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	113 MPa	16400 psi	ASTM D638
Elongation at Break	>= 4.0 %	>= 4.0 %	ASTM D638
Flexural Yield Strength	167 MPa	24200 psi	ASTM D790
Flexural Modulus	7.80 GPa	1130 ksi	ASTM D790
Izod Impact, Notched (ISO)	19.0 kJ/m ²	9.04 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	158 °C	316 °F	ASTM D648

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