

Tipco Tipcolene® SEB 300 M - 30% Chemically Coupled Glass Fibers & Mineral Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

30% Mineral + Glass Reinforced, PP Homopolymer for Automobile Engine Parts
Applications: Automotive Engine Parts
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-300-M-30-Chemically-Coupled-Glass-Fibers-Mineral-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.0 MPa	7400 psi	ASTM D638
Elongation at Break	>= 8.0 %	>= 8.0 %	ASTM D638
Flexural Yield Strength	68.0 MPa	9860 psi	ASTM D790
Flexural Modulus	3.50 GPa	508 ksi	ASTM D790
Izod Impact, Notched (ISO)	14.0 kJ/m ²	6.66 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	ASTM D648

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