

Tipco Tipcolene® FPT 40 - 40% Talc Reinforced Polypropylene Homopolymer Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

40% Talc 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-FPT-40-40-Talc-Reinforced-Polypropylene-Homopolymer-Compound.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	ASTM D955
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.5 MPa	5150 psi	ASTM D638
Elongation at Break	>= 10 %	>= 10 %	ASTM D638
Flexural Yield Strength	51.5 MPa	7470 psi	ASTM D790
Flexural Modulus	4.20 GPa	609 ksi	ASTM D790
Izod Impact, Notched (ISO)	2.50 kJ/m ²	1.19 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648

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