

Tipco Tipcolene® FPT 10 - 10% Talc Reinforced Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

10% 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-10-10-Talc-Reinforced-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.0 MPa	4790 psi	ASTM D638
Elongation at Break	>= 40 %	>= 40 %	ASTM D638
Flexural Yield Strength	44.0 MPa	6380 psi	ASTM D790
Flexural Modulus	1.96 GPa	284 ksi	ASTM D790
Izod Impact, Notched (ISO)	4.00 kJ/m ²	1.90 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.0 °C	199 °F	ASTM D648

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