

Tipco Tipcolene® FPT 20 - 20% Talc Reinforced Polypropylene Homopolymer Compound

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

20% 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-20-20-Talc-Reinforced-Polypropylene-Homopolymer-Compound.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Melt Flow	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.5 MPa	5000 psi	ASTM D638
Elongation at Break	>= 30 %	>= 30 %	ASTM D638
Flexural Yield Strength	46.0 MPa	6670 psi	ASTM D790
Flexural Modulus	2.85 GPa	413 ksi	ASTM D790
Izod Impact, Notched (ISO)	3.50 kJ/m ²	1.67 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648

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