

Tipco Tipcolene® FPT 40 NEX - 40% Talc Reinforced Polypropylene Homopolymer, Low MFI

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

40% Talc Reinforced PP Homopolymer Applications: Sheets, Pipes, Profiles Processing: Extrusion 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-NEX-40-Talc-Reinforced-Polypropylene-Homopolymer-Low-MFI.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792
Melt Flow	<= 2.0 g/10 min	<= 2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Break	>= 30 %	>= 30 %	ASTM D638
Flexural Yield Strength	51.5 MPa	7470 psi	ASTM D790
Flexural Modulus	4.40 GPa	638 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)	108 °C	226 °F	ASTM D648

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