

Tipco Tipcolene® FPC 40 PPC - 40% Calcium Carbonate Reinforced Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

40% Calcium Carbonate Filled PP Copolymer 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-FPC-40-PPC-40-Calcium-Carbonate-Reinforced-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 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	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	>= 100 %	>= 100 %	ASTM D638
Flexural Yield Strength	37.0 MPa	5370 psi	ASTM D790
Flexural Modulus	2.10 GPa	305 ksi	ASTM D790
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	ASTM D256

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