

Tipco Tipcolene® FPC 20 PPC - 20% Calcium Carbonate Reinforced Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

20% 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-20-PPC-20-Calcium-Carbonate-Reinforced-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 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	24.5 MPa	3550 psi	ASTM D638
Elongation at Break	>= 100 %	>= 100 %	ASTM D638
Flexural Yield Strength	34.0 MPa	4930 psi	ASTM D790
Flexural Modulus	1.57 GPa	228 ksi	ASTM D790
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	ASTM D256

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