

## Tipco Tipcolene® FPC 20 - 20% Calcium Carbonate Reinforced Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

20% Calcium Carbonate Filled 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-FPC-20-20-Calcium-Carbonate-Reinforced-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Tipco-Tipcolene-FPC-20-20-Calcium-Carbonate-Reinforced-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 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	29.5 MPa	4280 psi	ASTM D638
Elongation at Break	>= 50 %	>= 50 %	ASTM D638
Flexural Yield Strength	43.0 MPa	6240 psi	ASTM D790
Flexural Modulus	1.96 GPa	284 ksi	ASTM D790
Izod Impact, Notched (ISO)	4.00 kJ/m <sup>2</sup>	1.90 ft-lb/in <sup>2</sup>	ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

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