

Tipco Tipcolene® FPT 20 FR VO PPC - UL94-V0 Flame Retardant, 20% Talc Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

20% Talc Reinforced PP Copolymer Applications: Electrical & Appliances 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-FR-VO-PPC-UL94-V0-Flame-Retardant-20-Talc-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	>= 20 %	>= 20 %	ASTM D638
Flexural Yield Strength	45.0 MPa	6530 psi	ASTM D790
Flexural Modulus	4.00 GPa	580 ksi	ASTM D790
Izod Impact, Notched (ISO)	4.50 kJ/m ²	2.14 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	ASTM D648
Flammability, UL94	V-0 @Thickness 3.20 mm	V-0 @Thickness 0.126 in	

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