

Tipco Tipcolene® SEB 300 FR - UL94-V-0 Flame Retardant, 10% Chemically Coupled Glass Fiber Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

30% Glass Reinforced, Flame Retardant PP Homopolymer 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-SEB-300-FR-UL94-V-0-Flame-Retardant-10-Chemically-Coupled-Glass-Fiber-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	70.0 MPa	10200 psi	ASTM D638
Elongation at Break	>= 4.0 %	>= 4.0 %	ASTM D638
Flexural Yield Strength	105 MPa	15200 psi	ASTM D790
Flexural Modulus	7.10 GPa	1030 ksi	ASTM D790
Izod Impact, Notched (ISO)	8.00 kJ/m ²	3.81 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	ASTM D648
Flammability, UL94	V-0 @Thickness 3.20 mm	V-0 @Thickness 0.126 in	

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