

Techmer ES Statiblend® PP CO 99054

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Availability: North AmericaForms: PelletsFeature: Copolymer and Semi ConductiveUL File Number: E157318Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Statiblend-PP-CO-99054.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792
Melt Flow	5.0 g/10 min @Load 10.0 kg, Temperature 230 °C	5.0 g/10 min @Load 22.0 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	13.8 MPa	2000 psi	ASTM D638
Elongation at Yield	30 %	30 %	ASTM D638
Flexural Yield Strength	20.7 MPa	3000 psi	ASTM D790
Flexural Modulus	0.689 GPa	100 ksi	ASTM D790
Izod Impact, Notched	NB @Thickness 3.17 mm	NB @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	NB @Thickness 3.17 mm	NB @Thickness 0.125 in	ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	100 ohm-cm	100 ohm-cm	ASTM D257
Surface Resistance	1000 ohm	1000 ohm	ASTM D257

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