

Techmer ES Statiblend® PA6 02012

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Availability: North America Forms: Pellets Filler/Reinforcement: Unspecified Filler Reinfor Features: Conductive UL File Number:

E157318 TPC# 1038102 Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Statiblend-PA6-02012.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.010 cm/cm @Thickness 3.17 mm	0.010 in/in @Thickness 0.125 in	ASTM D955
Melt Flow	1.0 g/10 min @Load 10.0 kg, Temperature 230 °C	1.0 g/10 min @Load 22.0 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	89	89	ASTM D785
Tensile Strength, Yield	82.7 MPa	12000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	130 MPa	18900 psi	ASTM D790
Flexural Modulus	4.34 GPa	630 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm @Thickness 3.17 mm	3.00 ft-lb/in @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	4.27 J/cm @Thickness 3.17 mm	8.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	127 °C	260 °F	Unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	100 - 10000 ohm-cm	100 - 10000 ohm-cm	ASTM D257
Surface Resistance	100 - 1000 ohm	100 - 1000 ohm	ASTM D257

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China