

Techmer ES Statiblend® 02036 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Availability: North AmericaForms: PelletsAdditive: AntistaticFeatures: Antistatic and ConductiveInformation provided by TP Composites, Inc.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Techmer-ES-Statiblend-02036-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D792
Water Absorption	0.010 %	0.010 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.017 cm/cm	0.017 in/in	ASTM D955
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	32.4 MPa	4700 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Modulus	1.14 GPa	165 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	81.0 Åµm/m-Å°C	45.0 Åµin/in-Å°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	54.4 Å°C	130 Å°F	Unannealed; ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+8 - 1.00e+12 ohm-cm	1.00e+8 - 1.00e+12 ohm-cm	ASTM D257
Surface Resistance	1.00e+8 - 1.00e+12 ohm	1.00e+8 - 1.00e+12 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