

Techmer ES Statiblend® 02056 BKN Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Availability: North America Forms: Pellets Filler/Reinforcement: Unspecified Filler Reinfor Features: Conductive Appearance: Black TPCI# 9109116 Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Statiblend-02056-BKN-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D792
Water Absorption	0.014 %	0.014 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 230 Â°C	@Load 22.0 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength, Yield	21.4 MPa	3100 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Strength	26.9 MPa	3900 psi	ASTM D790
Flexural Modulus	0.965 GPa	140 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	
Izod Impact, Unnotched	NB	NB	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	82.8 Âµm/m-Â°C	46.0 Âµin/in-Â°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	48.9 Â°C	120 Â°F	Unannealed; ASTM D648

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

Electrical Properties	Metric	English	Comments
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