

Shinkong Synthetic Fibers Shinite® T102G30 PET, 30% Glass Filled, Fire Retardant

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 30% Glass Reinforced , Polyethylene Terephthalate (PET), Glass Fiber Filled, Flame Retardant

Material Notes:

Information from Shinkong Synthetic Fibers Corp.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shinkong-Synthetic-Fibers-Shinite-T102G30-PET-30-Glass-Filled-Fire-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 g/cc	1.70 g/cc	ASTM D792
Water Absorption	0.15 %	0.15 %	ASTM D570
Linear Mold Shrinkage, Flow	0.0010 - 0.0030 cm/cm	0.0010 - 0.0030 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	127 MPa	18500 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Yield Strength	186 MPa	27000 psi	ASTM D790
Flexural Modulus	9.81 GPa	1420 ksi	ASTM D790
Izod Impact, Notched	0.785 J/cm @Thickness 3.17 mm, Temperature 23.0 Â°C	1.47 ft-lb/in @Thickness 0.125 in, Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	220 Â°C	428 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	ASTM D257
Dielectric Constant	4.0	4.0	ASTM D150
Dielectric Strength	25.0 kV/mm	635 kV/in	ASTM D149

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