

PolyOne Edgetek® PS-30GF/000 FR V0 Polybutylene Terephthalate (PBT), Glass Filled (discontinued **)

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

Description/Features: Glass Fiber Reinforced Flame Retardant PolyOne First Choice Information provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-PS-30GF000-FR-V0-Polybutylene-Terephthalate-PBT-Glass-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 g/cc	1.70 g/cc	ASTM D792
Water Absorption	0.070 %	0.070 %	24 hr. Immersion, -; ASTM D570
	0.45 %	0.45 %	Long-Term Immersion, -; ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	121 MPa	17500 psi	Type 1 - Rigids, Break, 0.2 in/min; ASTM D638
Elongation at Break	2.0 %	2.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	11.7 GPa	1700 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	193 MPa	28000 psi	ASTM D790
Flexural Modulus	9.65 GPa	1400 ksi	ASTM D790
Compressive Strength	131 MPa	19000 psi	ASTM D695
Izod Impact, Notched	0.961 J/cm	1.80 ft-lb/in	Method A, Injection Molded; ASTM D256
	@Thickness 6.35 mm, Temperature 23.0 °C	@Thickness 0.250 in, Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	216 °C	420 °F	Annealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	Annealed; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	232 - 249 °C	450 - 480 °F	Molding

Processing Properties	Metric 107 °C	English 225 °F	Comments
Drying Temperature	107 °C	225 °F	4 hrs

Descriptive Properties	Value	Comments
Product Form	Pellets	

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