

## PolyOne Edgetek® PS-15GF-25MN/000 Polybutylene Terephthalate (PBT), Glass/Mineral Filled (discontinued \*\*)<

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

### Material Notes:

Description/Features:Glass/Mineral ReinforcedPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Edgetek-PS-15GF-25MN000-Polybutylene-Terephthalate-PBT-GlassMineral-Filled-nbspdiscontinued-It.php](http://www.lookpolymers.com/polymer_PolyOne-Edgetek-PS-15GF-25MN000-Polybutylene-Terephthalate-PBT-GlassMineral-Filled-nbspdiscontinued-It.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.63 g/cc	1.63 g/cc	ASTM D792
Water Absorption	0.80 %	0.80 %	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	89.6 MPa	13000 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	3.0 %	3.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	5.52 GPa	800 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	172 MPa	25000 psi	ASTM D790
Flexural Modulus	5.52 GPa	800 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.50 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	210 °C	410 °F	Annealed, 0.125 in bars; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	204 °C	400 °F	Annealed, 0.125 in bars; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	238 - 260 °C	460 - 500 °F	Molding
Mold Temperature	60.0 - 93.3 °C	140 - 200 °F	
Drying Temperature	93.3 - 104 °C	200 - 220 °F	

Processing Properties	Metric	English	Comments
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Descriptive Properties	Value	Comments
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Product Form	Pellets
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## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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