

PolyOne Edgetek® SY-15GB/000 Polystyrene (PS), Glass Bead Filled (discontinued **)

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Description/Features:Glass Bead FilledUL 94 HBPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-SY-15GB000-Polystyrene-PS-Glass-Bead-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	13.1 MPa	1900 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	1.0 %	1.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	1.282 GPa	185.9 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	58.6 MPa	8500 psi	ASTM D790
Flexural Modulus	1.28 GPa	186 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.20 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	210 - 232 °C	410 - 450 °F	Molding
Mold Temperature	48.9 - 71.1 °C	120 - 160 °F	

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