

PolyOne Edgetek® AS-10GF/000 Acrylonitrile Butadiene Styrene (ABS), Glass Filled (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-AS-10GF000-Acrylonitrile-Butadiene-Styrene-ABS-Glass-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	ASTM D792
Water Absorption	0.25 %	0.25 %	24 hr. Immersion, -; ASTM D570
Linear Mold Shrinkage	0.0030 - 0.0040 cm/cm	0.0030 - 0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.2 MPa	8000 psi	Type 1 - Rigids, Break, 0.2 in/min; ASTM D638
Elongation at Break	3.0 %	3.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	3.79 GPa	550 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
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 1.8 MPa (264 psi)	96.1 °C	205 °F	Annealed; ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	221 - 238 °C	430 - 460 °F	Molding
Mold Temperature	26.7 - 54.4 °C	80.0 - 130 °F	
Drying Temperature	71.1 - 82.2 °C	160 - 180 °F	2 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