

PolyOne Edgetek® AS-10GF/000 FR V0 BLACK Acrylonitrile Butadiene Styrene (ABS)

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-AS-10GF000-FR-V0-BLACK-Acrylonitrile-Butadiene-Styrene-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0015 - 0.0030 cm/cm @Thickness 3.18 mm	0.0015 - 0.0030 in/in @Thickness 0.125 in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0080 - 0.0090 cm/cm @Thickness 3.18 mm	0.0080 - 0.0090 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	64.1 MPa	9300 psi	5.1 mm/min; ASTM D638
Elongation at Break	2.0 - 3.0 %	2.0 - 3.0 %	ASTM D638
Tensile Modulus	4.69 GPa	680 ksi	5.1 mm/min; ASTM D638
Flexural Strength	103 MPa	14900 psi	1.3 mm/min; ASTM D790
Flexural Modulus	4.48 GPa	650 ksi	1.3 mm/min; ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.70 J/cm @Temperature 23.0 °C	5.06 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	106 °C	223 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	99.0 °C	210 °F	Unannealed; ASTM D648
Flammability, UL94	V-0 @Thickness 3.18 mm	V-0 @Thickness 0.125 in	Internal Method; UL 94

Descriptive Properties	Value	Comments
------------------------	-------	----------

Features Descriptive Properties	Amorphous Value	Comments
	Flame Retardant	
Filler / Reinforcement	GlassCarbon Fiber Reinforcement	
Forms	Pellets	
Generic Material	ABS	
Generic Name	Acrylonitrile Butadiene Styrene (ABS)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Business Equipment	
	Electrical Housing	
	Electrical/Electronic Applications	
	Housings	
	Medical/Healthcare Applications	

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