

PolyOne Edgetek® NJ-10GF/000 Nylon 12 - 10% Glass Fiber (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-NJ-10GF000-Nylon-12-10-Glass-Fiber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.084 g/cc	0.03916 lb/in ³	ASTM D792
Water Absorption	0.35 %	0.35 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.0070 cm/cm @Thickness 3.17 mm	0.0070 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	66.0 MPa	9570 psi	ASTM D638
Elongation at Break	1.0 - 3.0 %	1.0 - 3.0 %	ASTM D638
Tensile Modulus	4.50 GPa	653 ksi	ASTM D638
Flexural Yield Strength	93.0 MPa	13500 psi	ASTM D790
Flexural Modulus	4.50 GPa	653 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm @Thickness 6.35 mm	2.00 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	154 °C	309 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	238 - 271 °C	460 - 520 °F	Stock
Mold Temperature	93.0 °C	199 °F	
Drying Temperature	93.0 °C	199 °F	

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