

## PolyOne Edgetek® SF-40GF-25MN1/000 PPS (Polyphenylene Sulfide), 40% Glass Fiber and 25% Mineral Filled (disco)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS), Mineral/Glass-Fiber Filled

### Material Notes:

Information provided by PolyOne™ Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Edgetek-SF-40GF-25MN1000-PPS-Polyphenylene-Sulfide-40-Glass-Fiber-and-25-Mineral-Filled-nbspdisco.php](http://www.lookpolymers.com/polymer_PolyOne-Edgetek-SF-40GF-25MN1000-PPS-Polyphenylene-Sulfide-40-Glass-Fiber-and-25-Mineral-Filled-nbspdisco.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.98 g/cc	1.98 g/cc	ASTM D792
Water Absorption	0.030 %	0.030 %	24 Hr; ASTM D570
Linear Mold Shrinkage	0.0010 - 0.0020 cm/cm	0.0010 - 0.0020 in/in	ASTM D955
Ash	65 %	65 %	ASTM D2584

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	117 MPa	17000 psi	ASTM D638
Elongation at Break	1.0 %	1.0 %	ASTM D638
Tensile Modulus	24.1 GPa	3500 ksi	ASTM D638
Flexural Strength	172 MPa	25000 psi	ASTM D790
Flexural Modulus	22.8 GPa	3300 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	ASTM D648

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	271 °C	520 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	299 - 332 °C	570 - 630 °F	
Mold Temperature	121 - 149 °C	250 - 300 °F	
Drying Temperature	121 °C	250 °F	

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