

PolyOne Stat-Tech™ PF-05CF/000 EM FR Flame Retardant Polysulfone - 5% Carbon Fiber (discontinued **)

Category : Polymer , Thermoplastic , Polysulfone (PSU)

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Stat-Tech-PF-05CF000-EM-FR-Flame-Retardant-Polysulfone-5-Carbon-Fiber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	ASTM D792
Water Absorption	0.60 %	0.60 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.0030 - 0.0040 cm/cm @Thickness 3.17 mm	0.0030 - 0.0040 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	90.0 MPa	13100 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Yield Strength	155 MPa	22500 psi	ASTM D790
Flexural Modulus	4.40 GPa	638 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm @Thickness 6.35 mm	1.20 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	179 °C	354 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	338 - 360 °C	640 - 680 °F	Stock
Mold Temperature	82.0 - 121 °C	180 - 250 °F	
Drying Temperature	121 - 135 °C	250 - 275 °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