

**PolyOne Edgetek® MP-10GF/000 Modified PPO - 10% Glass Fiber Reinforced (discontinued \*\*)**

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, 10% Glass Filled

**Material Notes:**

Data provided by PolyOne.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Edgetek-MP-10GF000-Modified-PPO-10-Glass-Fiber-Reinforced-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Edgetek-MP-10GF000-Modified-PPO-10-Glass-Fiber-Reinforced-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.060 %	0.060 %	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	76.0 MPa	11000 psi	ASTM D638
Elongation at Break	2.0 - 4.0 %	2.0 - 4.0 %	ASTM D638
Tensile Modulus	3.40 GPa	493 ksi	ASTM D638
Flexural Yield Strength	110 MPa	16000 psi	ASTM D790
Flexural Modulus	3.40 GPa	493 ksi	ASTM D790
Izod Impact, Notched	0.800 - 1.33 J/cm @Thickness 6.35 mm	1.50 - 2.49 ft-lb/in @Thickness 0.250 in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	282 - 304 °C	540 - 579 °F	Stock
Mold Temperature	71.0 - 93.0 °C	160 - 199 °F	
Drying Temperature	104 - 110 °C	219 - 230 °F	

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