

## PolyOne Edgetek® AT-000/07SS Copolymer Acetal - 7% Stainless Steel Fiber (discontinued \*\*)

Category : Polymer , Thermoplastic , Acetal (POM)

### Material Notes:

Data provided by PolyOne.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Edgetek-AT-00007SS-Copolymer-Acetal-7-Stainless-Steel-Fiber-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Edgetek-AT-00007SS-Copolymer-Acetal-7-Stainless-Steel-Fiber-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.498 g/cc	0.05412 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.10 %	0.10 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.010 - 0.020 cm/cm @Thickness 3.17 mm	0.010 - 0.020 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	59.0 MPa	8560 psi	ASTM D638
Elongation at Break	1.0 - 3.0 %	1.0 - 3.0 %	ASTM D638
Tensile Modulus	2.60 GPa	377 ksi	ASTM D638
Flexural Yield Strength	97.0 MPa	14100 psi	ASTM D790
Flexural Modulus	2.60 GPa	377 ksi	ASTM D790
Izod Impact, Notched	0.430 - 0.590 J/cm @Thickness 6.35 mm	0.806 - 1.11 ft-lb/in @Thickness 0.250 in	ASTM D256

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00 - 1000 ohm-cm	1.00 - 1000 ohm-cm	ASTM D257
Surface Resistance	1.0 - 1000 ohm	1.0 - 1000 ohm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	188 - 227 °C	370 - 441 °F	Stock
Mold Temperature	54.0 - 71.0 °C	129 - 160 °F	
Drying Temperature	71.0 °C	160 °F	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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