

PolyOne Lubri-Tech™ AT-000/08T Acetal - 8% PTFE (discontinued **)

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, PTFE Filled

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-AT-00008T-Acetal-8-PTFE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	ASTM D792
Water Absorption	0.15 %	0.15 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.015 - 0.020 cm/cm @Thickness 3.17 mm	0.015 - 0.020 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	48.0 MPa	6960 psi	ASTM D638
Elongation at Break	4.0 - 8.0 %	4.0 - 8.0 %	ASTM D638
Tensile Modulus	2.30 GPa	334 ksi	ASTM D638
Flexural Yield Strength	83.0 MPa	12000 psi	ASTM D790
Flexural Modulus	2.34 GPa	339 ksi	ASTM D790
Izod Impact, Notched	0.430 - 0.640 J/cm @Thickness 6.35 mm	0.806 - 1.20 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	163 °C	325 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	104 °C	219 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	188 - 210 °C	370 - 410 °F	Stock
Mold Temperature	49.0 - 82.0 °C	120 - 180 °F	
Drying Temperature	82.0 °C	180 °F	

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