

PolyOne Lubri-Tech™ AT-000/15T-2S Copolymer Acetal - 15% PTFE, 2% Silicone Lubricated (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-00015T-2S-Copolymer-Acetal-15-PTFE-2-Silicone-Lubricated-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ASTM D792
Water Absorption	0.15 %	0.15 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.022 cm/cm @Thickness 3.17 mm	0.022 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	60	60	ASTM D785
Tensile Strength, Ultimate	45.0 MPa	6530 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Tensile Modulus	2.20 GPa	319 ksi	ASTM D638
Flexural Yield Strength	72.0 MPa	10400 psi	ASTM D790
Flexural Modulus	2.24 GPa	325 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm @Thickness 6.35 mm	0.993 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	99.0 μm/m-°C @Temperature 20.0 °C	55.0 μin/in-°F @Temperature 68.0 °F	ASTM D696
Thermal Conductivity	0.220 W/m-K	1.53 BTU-in/hr-ft ² -°F	Cenco test
Deflection Temperature at 0.46 MPa (66 psi)	160 °C	320 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	99.0 °C	210 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	ASTM D257

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	

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