

PolyOne Lubri-Tech™ AT-10CF/15T-2S Acetal-Copolymer, Carbon Fiber Reinforced, PTFE/Silicone Lubricated (disco)

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

Description/Features: Carbon Fiber Reinforced PTFE/Silicone Lubricated PolyOne First Choice Information provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-AT-10CF15T-2S-Acetal-Copolymer-Carbon-Fiber-Reinforced-PTFESilicone-Lubricated-nbspdisco.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.51 g/cc	1.51 g/cc	ASTM D792
Water Absorption	0.18 % @Thickness 3.17 mm	0.18 % @Thickness 0.125 in	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.0020 - 0.0050 cm/cm	0.0020 - 0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	79.3 MPa	11500 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	3.0 %	3.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	5.17 GPa	750 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Izod Impact, Notched	0.507 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	0.950 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	1000 - 10000 ohm-cm	1000 - 10000 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	188 - 210 °C	370 - 410 °F	Molding
Mold Temperature	54.4 - 82.2 °C	130 - 180 °F	
Drying Temperature	82.2 °C	180 °F	
Dry Time	2 hour	2 hour	

Descriptive Properties	Value	Comments
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Product Form Descriptive Properties	Pellets Value	Comments
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