

## PolyOne Lubri-Tech™ AT-15CF/5T Acetal-Copolymer, Carbon Fiber Reinforced, PTFE Lubricated (discontinued \*\*)&l

Category : Polymer , Thermoplastic , Acetal (POM)

### Material Notes:

Description/Features: Carbon Fiber Reinforced PTFE 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-15CF5T-Acetal-Copolymer-Carbon-Fiber-Reinforced-PTFE-Lubricated-nbspdiscontinued-l.php](http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-AT-15CF5T-Acetal-Copolymer-Carbon-Fiber-Reinforced-PTFE-Lubricated-nbspdiscontinued-l.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.484 g/cc	1.484 g/cc	ASTM D792
Water Absorption	0.10 % @Thickness 3.17 mm	0.10 % @Thickness 0.125 in	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	84.1 MPa	12200 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	7.58 GPa	1100 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	84.1 MPa	12200 psi	ASTM D790
Flexural Modulus	6.89 GPa	1000 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.30 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Electrical Properties	Metric	English	Comments
Volume Resistivity	100 - 10000 ohm-cm	100 - 10000 ohm-cm	ASTM D257
Surface Resistivity per Square	100 - 10000 ohm	100 - 10000 ohm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	193 - 216 °C	380 - 420 °F	Molding
Mold Temperature	37.8 - 65.6 °C	100 - 150 °F	
Drying Temperature	71.1 °C	160 °F	

Processing Properties	Metric	English	Comments
Dry Time	2 Hour	2 Hour	

Descriptive Properties	Value	Comments
Product Form	Pellets	

## Contact Songhan Plastic Technology Co.,Ltd.

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