

**PolyOne Lubri-Tech™ AT-15GP/05T Acetal With Graphite - 5% 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-15GP05T-Acetal-With-Graphite-5-PTFE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.010 - 0.015 cm/cm @Thickness 3.17 mm	0.010 - 0.015 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	38.0 MPa	5510 psi	ASTM D638
Elongation at Break	1.0 - 3.0 %	1.0 - 3.0 %	ASTM D638
Tensile Modulus	3.40 GPa	493 ksi	ASTM D638
Flexural Yield Strength	38.0 MPa	5510 psi	ASTM D790
Flexural Modulus	3.40 GPa	493 ksi	ASTM D790
Izod Impact, Notched	0.370 - 0.590 J/cm @Thickness 6.35 mm	0.693 - 1.11 ft-lb/in @Thickness 0.250 in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	193 - 216 °C	379 - 421 °F	Stock
Mold Temperature	38.0 - 66.0 °C	100 - 151 °F	
Drying Temperature	71.0 °C	160 °F	

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