

PolyOne Lubri-Tech™ AT-000/5T Black Acetal-Copolymer, PTFE Lubricated (discontinued **)

Category : Polymer , Thermoplastic , Acetal (POM)

Material Notes:

Preliminary DataDescription/Features:PTFE LubricatedInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-AT-0005T-Black-Acetal-Copolymer-PTFE-Lubricated-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.435 g/cc	1.435 g/cc	ASTM D792
Water Absorption	0.050 %	0.050 %	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.015 - 0.025 cm/cm	0.015 - 0.025 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.3 MPa	7000 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	6.0 %	6.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	2.24 GPa	325 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	75.8 MPa	11000 psi	ASTM D790
Flexural Modulus	2.24 GPa	325 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	0.900 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	193 - 216 °C	380 - 420 °F	Molding
Mold Temperature	60.0 - 71.1 °C	140 - 160 °F	
Drying Temperature	71.1 °C	160 °F	
Dry Time	2 hour	2 hour	

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