

PolyOne Lubri-Tech™ AS-000/10T-2S ABS - 10% PTFE - 2% Silicone (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), PTFE Filled

Material Notes:

Data provided by PolyOne.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-AS-00010T-2S-ABS-10-PTFE-2-Silicone-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792
Water Absorption	0.19 %	0.19 %	24 hrs. ASTM D570
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm @Thickness 3.17 mm	0.0040 - 0.0060 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	41.0 MPa	5950 psi	ASTM D638
Elongation at Break	2.0 - 5.0 %	2.0 - 5.0 %	ASTM D638
Tensile Modulus	2.60 GPa	377 ksi	ASTM D638
Flexural Yield Strength	41.0 MPa	5950 psi	ASTM D790
Flexural Modulus	2.60 GPa	377 ksi	ASTM D790
Izod Impact, Notched	0.800 - 1.33 J/cm @Thickness 6.35 mm	1.50 - 2.49 ft-lb/in @Thickness 0.250 in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	216 - 243 °C	421 - 469 °F	Stock
Mold Temperature	49.0 - 66.0 °C	120 - 151 °F	
Drying Temperature	60.0 - 71.0 °C	140 - 160 °F	

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