

PolyOne Lubri-Tech™ AS-10GB/02S Acrylonitrile Butadiene Styrene (ABS), Glass Bead Filled (discontinued **)<

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

Material Notes:

Description/Features:Glass Bead FilledSilicone LubricatedPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-AS-10GB02S-Acrylonitrile-Butadiene-Styrene-ABS-Glass-Bead-Filled-nbspdiscontinued-lt.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	ASTM D792
Water Absorption	0.050 %	0.050 %	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, Ultimate	36.5 MPa	5300 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	2.69 GPa	390 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	37.2 MPa	5400 psi	ASTM D790
Flexural Modulus	2.69 GPa	390 ksi	ASTM D790
Izod Impact, Notched	0.667 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.25 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	227 - 243 °C	440 - 470 °F	Molding
Mold Temperature	>= 65.6 °C	>= 150 °F	
Drying Temperature	65.6 °C	150 °F	
Dry Time	2 hour	2 hour	

Descriptive Properties	Value	Comments
Product Form	Pellets	

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