

PolyOne Lubri-Tech™ AS-20GF/05T Acrylonitrile Butadiene Styrene (ABS), Glass Filled, PTFE Lubricated (discont

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Description/Features:Glass Fiber ReinforcedPTFE LubricatedPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-AS-20GF05T-Acrylonitrile-Butadiene-Styrene-ABS-Glass-Filled-PTFE-Lubricated-nbspdiscont.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Water Absorption	0.050 %	0.050 %	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.0020 - 0.0025 cm/cm	0.0020 - 0.0025 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	56.5 MPa	8200 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	4.83 GPa	700 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	93.1 MPa	13500 psi	ASTM D790
Flexural Modulus	4.83 GPa	700 ksi	ASTM D790
Izod Impact, Notched	0.854 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.60 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	221 - 249 °C	430 - 480 °F	Molding
Mold Temperature	54.4 - 65.6 °C	130 - 150 °F	
Drying Temperature	65.6 - 82.2 °C	150 - 180 °F	
Dry Time	2 hour	2 hour	

Descriptive Properties	Value	Comments
Product Form	Pellets	

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