

A. Schulman LUBRILON® 432 30% Glass Fiber Reinforced, PTFE Lubricated PBT Alloy

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Glass Fiber + PTFE Filled

Material Notes:

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-LUBRILON-432-30-Glass-Fiber-Reinforced-PTFE-Lubricated-PBT-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.52 g/cc	1.52 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	117 MPa	16900 psi	ASTM D638
Flexural Strength	180 MPa	26100 psi	ASTM D790
Flexural Modulus	7.93 GPa	1150 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.54 J/cm	16.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	117 °C	243 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 280 °C	500 - 536 °F	
Mold Temperature	65.0 - 95.0 °C	149 - 203 °F	
Drying Temperature	130 °C	266 °F	
Dry Time	2 - 4 hour	2 - 4 hour	Predrying

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