

A. Schulman SCHULAMID® 66 GF50H 50% Glass Fiber Reinforced, Heat Stabilized 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 50% Glass Fiber Filled

Material Notes:

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-SCHULAMID-66-GF50H-50-Glass-Fiber-Reinforced-Heat-Stabilized-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.57 g/cc	1.57 g/cc	ISO 1183/1
Linear Mold Shrinkage	0.0010 cm/cm @Thickness 3.175 mm	0.0010 in/in @Thickness 0.1250 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	230 MPa	33400 psi	ISO 527
Tensile Modulus	16.0 GPa	2320 ksi	ISO 527

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	250 °C	482 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	ISO 75

Processing Properties	Metric	English	Comments
Melt Temperature	290 - 310 °C	554 - 590 °F	
Mold Temperature	65.6 - 93.3 °C	150 - 200 °F	
Drying Temperature	79.4 °C	175 °F	
Dry Time	2 - 4 hour	2 - 4 hour	Predrying

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