

A. Schulman SCHULAMID® 66 GF15H 15% Glass Fiber Reinforced, Heat Stabilized Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% 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-GF15H-15-Glass-Fiber-Reinforced-Heat-Stabilized-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm @Thickness 3.175 mm	0.0060 in/in @Thickness 0.1250 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	119 MPa	17200 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Strength	165 MPa	24000 psi	ASTM D790
Flexural Modulus	5.79 GPa	840 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.48 J/cm	8.40 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	250 °C	482 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	246 °C	475 °F	ASTM D648

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
Moisture Content	0.080 - 0.12 %	0.080 - 0.12 %	

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