

Niche Polymer PA66GF50BK Nylon 66, 50% Glass Fiber Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PA66GF50BK-Nylon-66-50-Glass-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.000700 cm/cm	0.000700 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	235 MPa	34100 psi	ASTM D638
Elongation at Break	2.50 %	2.50 %	ASTM D638
Flexural Strength	390 MPa	56600 psi	ASTM D790
Flexural Modulus	14.5 GPa	2100 ksi	ASTM D790
Izod Impact, Unnotched	1.28 J/cm @Thickness 3.17 mm	2.40 ft-lb/in @Thickness 0.125 in	ASTM D256

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

Processing Properties	Metric	English	Comments
Melt Temperature	254 - 266 °C	489 - 511 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

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