

Niche Polymer PA6GF43BK Nylon 6, 43% Glass Fiber Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 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-PA6GF43BK-Nylon-6-43-Glass-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00200 cm/cm	0.00200 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	200 MPa	29000 psi	ASTM D638
Elongation at Break	2.50 %	2.50 %	ASTM D638
Flexural Strength	283 MPa	41000 psi	ASTM D790
Flexural Modulus	11.0 GPa	1600 ksi	ASTM D790
Izod Impact, Unnotched	1.33 J/cm @Thickness 3.17 mm	2.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	216.0 °C	420.8 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	216 - 227 °C	420 - 441 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

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