

Niche Polymer PA6GF13N Nylon 6, 13% Glass Fiber Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 10% Glass Fiber Filled

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PA6GF13N-Nylon-6-13-Glass-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00550 cm/cm	0.00550 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	3.45 MPa	500 psi	ASTM D638
Elongation at Break	5.00 %	5.00 %	ASTM D638
Flexural Strength	138 MPa	20000 psi	ASTM D790
Flexural Modulus	4.83 GPa	700 ksi	ASTM D790
Izod Impact, Unnotched	0.481 J/cm @Thickness 3.17 mm	0.900 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	193 °C	380 °F	ASTM D648

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

Descriptive Properties	Value	Comments
Color	Natural	

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