

Niche Polymer PA66GI14BK Nylon 66, 14% Glass Fiber Filled, Impact Modified

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled , Nylon 66, Impact Grade

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PA66GI14BK-Nylon-66-14-Glass-Fiber-Filled-Impact-Modified.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00600 cm/cm	0.00600 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	ASTM D638
Elongation at Break	3.50 %	3.50 %	ASTM D638
Flexural Strength	165 MPa	24000 psi	ASTM D790
Flexural Modulus	5.52 GPa	800 ksi	ASTM D790
Izod Impact, Unnotched	1.17 J/cm @Thickness 3.17 mm	2.20 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	238 °C	460 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	249 - 260 °C	480 - 500 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

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