

## Niche Polymer PA6GF50BK Nylon 6, 50% Glass Fiber Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 50% Glass Fiber Filled

**Material Notes:**

Information provided by Niche Polymer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Niche-Polymer-PA6GF50BK-Nylon-6-50-Glass-Fiber-Filled.php](http://www.lookpolymers.com/polymer_Niche-Polymer-PA6GF50BK-Nylon-6-50-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	210 MPa	30400 psi	ASTM D638
Elongation at Break	2.00 %	2.00 %	ASTM D638
Flexural Strength	283 MPa	41000 psi	ASTM D790
Flexural Modulus	147 GPa	21300 ksi	ASTM D790
Izod Impact, Unnotched	1.39 J/cm @Thickness 3.17 mm	2.60 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	216 °C	421 °F	ASTM D648

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

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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