

## Niche Polymer PA6GM40BK Nylon 6, 40% Mineral Fiber Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 40% Mineral Filled

**Material Notes:**

Information provided by Niche Polymer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Niche-Polymer-PA6GM40BK-Nylon-6-40-Mineral-Fiber-Filled.php](http://www.lookpolymers.com/polymer_Niche-Polymer-PA6GM40BK-Nylon-6-40-Mineral-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	137 MPa	19900 psi	ASTM D638
Elongation at Break	2.50 %	2.50 %	ASTM D638
Flexural Strength	186 MPa	27000 psi	ASTM D790
Flexural Modulus	7.58 GPa	1100 ksi	ASTM D790
Izod Impact, Unnotched	0.374 J/cm @Thickness 3.17 mm	0.700 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	204 °C	399 °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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