

Niche Polymer PA66GM40N Nylon 66, 40% Mineral Fiber Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Mineral Filled

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PA66GM40N-Nylon-66-40-Mineral-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00800 - 0.0120 cm/cm	0.00800 - 0.0120 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	89.6 MPa	13000 psi	ASTM D638
Elongation at Break	12.0 %	12.0 %	ASTM D638
Flexural Strength	138 MPa	20000 psi	ASTM D790
Flexural Modulus	6.21 GPa	900 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)	171 °C	340 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	254 - 266 °C	489 - 511 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Natural	

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