

Niche Polymer PA6BK Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PA6BK-Nylon-6.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.0130 cm/cm	0.0130 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.8 MPa	11000 psi	ASTM D638
Elongation at Break	60.0 %	60.0 %	ASTM D638
Flexural Strength	103 MPa	15000 psi	ASTM D790
Flexural Modulus	2.69 GPa	390 ksi	ASTM D790
Izod Impact, Unnotched	0.587 J/cm @Thickness 3.17 mm	1.10 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	64.00 °C	147.2 °F	ASTM D648

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

Descriptive Properties	Value	Comments
Color	Black	

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