

Niche Polymer PA66HIN Nylon 66, High Impact

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , 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-PA66HIN-Nylon-66-High-Impact.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.0180 cm/cm	0.0180 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	52.4 MPa	7600 psi	ASTM D638
Elongation at Break	65.0 %	65.0 %	ASTM D638
Flexural Strength	71.7 MPa	10400 psi	ASTM D790
Flexural Modulus	1.79 GPa	260 ksi	ASTM D790
Izod Impact, Unnotched	8.54 J/cm @Thickness 3.17 mm	16.0 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	ASTM D648

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

Descriptive Properties	Value	Comments
Color	Natural	

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