

Niche Polymer PPHG30BK Homopolymer PP, 30% Glass Fiber Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PPHG30BK-Homopolymer-PP-30-Glass-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00300 cm/cm	0.00300 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	89.6 MPa	13000 psi	ASTM D638
Elongation at Break	2.50 %	2.50 %	ASTM D638
Flexural Strength	138 MPa	20000 psi	ASTM D790
Flexural Modulus	5.86 GPa	850 ksi	ASTM D790
Izod Impact, Unnotched	0.961 J/cm @Thickness 3.17 mm	1.80 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	157.0 °C	314.6 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	171 - 193 °C	340 - 379 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

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