

Niche Polymer PPCG40BK Copolymer PP, 40% Glass Fiber Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , 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-PPCG40BK-Copolymer-PP-40-Glass-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00400 cm/cm	0.00400 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	82.0 MPa	11900 psi	ASTM D638
Elongation at Break	4.00 - 5.00 %	4.00 - 5.00 %	ASTM D638
Flexural Strength	110 MPa	16000 psi	ASTM D790
Flexural Modulus	5.10 GPa	740 ksi	ASTM D790
Izod Impact, Unnotched	1.33 J/cm @Thickness 3.17 mm	2.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	149 °C	300 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	149 - 171 °C	300 - 340 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

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