

Niche Polymer PPHT20BK Homopolymer PP, 20% Talc Fiber Filled

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

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PPHT20BK-Homopolymer-PP-20-Talc-Fiber-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00100 - 0.00200 cm/cm	0.00100 - 0.00200 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	34.8 MPa	5050 psi	ASTM D638
Elongation at Break	20.0 %	20.0 %	ASTM D638
Flexural Strength	51.0 MPa	7400 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Unnotched	0.320 J/cm @Thickness 3.17 mm	0.600 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	118 °C	244 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	171 - 193 °C	339 - 379 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

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