

Niche Polymer PPCT40BK Copolymer PP, 40% Talc 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-PPCT40BK-Copolymer-PP-40-Talc-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00600 - 0.0100 cm/cm	0.00600 - 0.0100 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.5 MPa	3700 psi	ASTM D638
Elongation at Break	10.0 %	10.0 %	ASTM D638
Flexural Strength	35.9 MPa	5210 psi	ASTM D790
Flexural Modulus	2.10 GPa	305 ksi	ASTM D790
Izod Impact, Unnotched	0.400 J/cm @Thickness 3.17 mm	0.750 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	70.6 °C	159 °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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