

Niche Polymer PPCT20BK Copolymer PP, 20% 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-PPCT20BK-Copolymer-PP-20-Talc-Filled.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00800 - 0.0120 cm/cm	0.00800 - 0.0120 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.3 MPa	4100 psi	ASTM D638
Elongation at Break	20.0 %	20.0 %	ASTM D638
Flexural Strength	35.9 MPa	5200 psi	ASTM D790
Flexural Modulus	1.65 GPa	240 ksi	ASTM D790
Izod Impact, Unnotched	0.534 J/cm @Thickness 3.17 mm	1.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °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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