

Niche PPCG40BK

Polypropylene Copolymer

Niche Polymer, LLC

Message:

Niche PPCG40BK is a Polypropylene Copolymer (PP Copolymer) material filled with 40% glass fiber. It is available in North America. Primary attribute of Niche PPCG40BK: Copolymer.

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Copolymer		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	82.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0 to 5.0	%	ASTM D638
Flexural Modulus	5100	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C, 3.18 mm)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	149	°C	ASTM D648
Melting Temperature	149 to 171	°C	ASTM D789

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Recommended distributors for this material

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