

Niche PPHG40BK

Polypropylene Homopolymer

Niche Polymer, LLC

Message:

Niche PPHG40BK is a Polypropylene Homopolymer (PP Homopolymer) material filled with 40% glass fiber. It is available in North America. Primary attribute of Niche PPHG40BK: Homopolymer.

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Homopolymer		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	96.0	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	6750	MPa	ASTM D790
Flexural Strength	148	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	157	°C	ASTM D648
Melting Temperature	171 to 193	°C	ASTM D789

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Recommended distributors for this material


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