

Echo® RPC40G BK

Polypropylene Homopolymer

Ravago Manufacturing Americas, LLC

Message:

Echo® RPC40G BK is a Polypropylene Homopolymer (PP Homopolymer) product filled with 40% glass fiber. It is available in North America.

Characteristics include:

Eco-Friendly/Green

Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Recycled Content	Yes		
Features	Homopolymer		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	92.0	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	7250	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched 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

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