

Echo® RPC10G BK

Polypropylene Homopolymer

Ravago Manufacturing Americas, LLC

Message:

Echo® RPC10G BK is a Polypropylene Homopolymer (PP Homopolymer) product filled with 10% glass fiber. It is available in North America.

Characteristics include:

Eco-Friendly/Green

Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Recycled Content	Yes		
Features	Homopolymer		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.988	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	48.0	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	2960	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	135	°C	ASTM D648

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