

Echo® RPPC 20/2 BK

Polypropylene Copolymer

Ravago Manufacturing Americas, LLC

Message:

Copolymer Polypropylene, 20 Melt Flow, 2 Izod Impact, Black

General Information			
Recycled Content	Yes		
Features	Copolymer		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.953	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	951	MPa	ASTM D638
Tensile Strength (Yield)	21.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	7.0	%	
Break	28	%	
Flexural Modulus - 1% Secant	1030	MPa	ASTM D790
Flexural Strength	23.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	76.0	°C	
1.8 MPa, Unannealed	48.0	°C	
Vicat Softening Temperature	68.0	°C	ASTM D1525 ¹
NOTE			

1. Rate B (120°C/h), Loading 2 (50 N)

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