

BP RPPC 2010 CW

Polypropylene Copolymer

Buckeye Polymers, Inc.

Message:

Product Information: Calcium Carbonate Filled PP Grades have a high impact toughness, moderate increased stiffness, and excel in high gloss applications. Our BP RPP C series product lineranges from 10 - 50% in filler levels. These materials can be customized through the addition of UV packages, custom matching, and processing additives.

Features:

Can be UV Stabilized for Increased Resistance
Industrial, Outdoor Furniture, and Window Trim

General Information			
Filler / Reinforcement	Calcium Carbonate,20% Filler by Weight Wollastonite (CaSiO3)		
Features	Copolymer Good Stiffness Good Toughness High Gloss High Impact Resistance		
Uses	Industrial Applications Outdoor Furnishings Windows & Doors		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02 to 1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12 to 16	g/10 min	ASTM D1238
Ash Content	18 to 23	%	ASTM D5630
Color - Per sample, Delta E	< 1.5		Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 22.1	MPa	ASTM D638
Flexural Modulus (23°C)	> 1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 67	J/m	ASTM D256
Gardner Impact	> 190	J	ASTM D5420

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Recommended distributors for this material

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