

Buckeye Polymers BP RPPC 2010 CW Polypropylene, Calcium Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Calcium Carbonate (CaCO3) Filler

Material Notes:

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 line ranges from 10-50% in filler levels. These materials can be customized through the addition of UV packages, custom matching, and processing additives. Product Features: Can be UV stabilized for increased resistance Industrial, outdoor furniture, and window trim. Forms: Strand Cut Pellet Processing Method: Injection Moulding Information Provided by Buckeye Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-RPPC-2010-CW-Polypropylene-Calcium-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 - 1.08 g/cc	1.02 - 1.08 g/cc	ASTM D792
Melt Flow	12 - 16 g/10 min	12 - 16 g/10 min	ASTM D1238
Ash	18 - 23 %	18 - 23 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 22.1 MPa	>= 3200 psi	ASTM D638
Flexural Modulus	>= 1.24 GPa	>= 180 ksi	ASTM D790
Izod Impact, Notched	>= 0.667 J/cm	>= 1.25 ft-lb/in	ASTM D256
Gardner Impact	>= 190 J	>= 140 ft-lb	ASTM D5420

Descriptive Properties	Value	Comments
Color	<1.5	Delta E; TP-011; per sample

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