

## Buckeye Polymers BP RPP 2011 C Polypropylene, 20% Mineral Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Calcium Carbonate (CaCO3) Filler

### Material Notes:

Applications:Outdoor FurnitureCalcium carbonate-filled PP grades have a high impact toughness, moderate increased stiffness, and excel in high gloss applications. This material can be customized through the addition of UV packages, custom color matching, and processing additives.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Buckeye-Polymers-BP-RPP-2011-C-Polypropylene-20-Mineral-Filled.php](http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-RPP-2011-C-Polypropylene-20-Mineral-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	ASTM D955
Melt Flow	11 g/10 min	11 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Flexural Modulus	1.70 GPa	247 ksi	ASTM D790
Gardner Impact	2.50 J	1.84 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	98.0 °C	208 °F	ASTM D648

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