

Buckeye Polymers BP RPP 0511C Polypropylene, 5% Mineral Filled

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

Material Notes:

Increased flex w/ living hinge properties Calcium 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-0511C-Polypropylene-5-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955
Melt Flow	11 g/10 min	11 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Flexural Modulus	1.00 GPa	145 ksi	ASTM D790
Gardner Impact	10.2 J	7.52 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.0 °C	199 °F	ASTM D648

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