

Buckeye Polymers BP RPP 3012 C Polypropylene, 30% Mineral Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% 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-3012-C-Polypropylene-30-Mineral-Filled.php

| Physical Properties | Metric | English | Comments |
|-----------------------|--------------|---------------------------|------------|
| Density | 1.16 g/cc | 0.0419 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage | 0.0090 cm/cm | 0.0090 in/in | ASTM D955 |
| Melt Flow | 12 g/10 min | 12 g/10 min | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------|------------|------------|
| Flexural Modulus | 1.50 GPa | 218 ksi | ASTM D790 |
| Gardner Impact | 9.60 J | 7.08 ft-lb | ASTM D3029 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 43.0 °C | 109 °F | ASTM D648 |

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