

Buckeye Polymers BP RPP 4012 C Polypropylene, 40% Mineral Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Calcium Carbonate (CaCO3) Filler

Material Notes:

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-4012-C-Polypropylene-40-Mineral-Filled.php

| Physical Properties | Metric | English | Comments |
|-----------------------|--------------|---------------------------|------------|
| Density | 1.28 g/cc | 0.0462 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage | 0.0080 cm/cm | 0.0080 in/in | ASTM D955 |
| Melt Flow | 12 g/10 min | 12 g/10 min | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------|------------|------------|
| Flexural Modulus | 2.20 GPa | 319 ksi | ASTM D790 |
| Gardner Impact | 11.3 J | 8.33 ft-lb | ASTM D3029 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 88.0 °C | 190 °F | ASTM D648 |

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