

Buckeye Polymers BP RPP 2008 T NAT Polypropylene, Talc Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc Filler

Material Notes:

Product Information: Our Talc filled product lines exhibit excellent properties such as high stiffness, surface aesthetics, low coefficient of thermal expansion, low shrinkage, improved scratch and mar resistance, and resistance to some aggressive chemical agents. Buckeye Polymers can also customize these materials through the addition of UV packages, custom color matching, and processing additives.
Product Features: Increased stiffness and heat deflection Good UV resistance Industrial, appliance, construction markets Good scratch and mar resistance
Appearance: Natural
Forms: Pellets
Processing Method: Injection Molding
Information Provided by Buckeye Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-RPP-2008-T-NAT-Polypropylene-Talc-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 - 1.06 g/cc	1.02 - 1.06 g/cc	ASTM D792
Linear Mold Shrinkage	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	ASTM D955
Melt Flow	6.0 - 10 g/10 min	6.0 - 10 g/10 min	ASTM D1238
Ash	18 - 22 %	18 - 22 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 29.0 MPa	>= 4200 psi	ASTM D638
Flexural Modulus	>= 1.72 GPa	>= 250 ksi	ASTM D790
Izod Impact, Notched	>= 0.427 J/cm	>= 0.800 ft-lb/in	ASTM D256

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