

Buckeye Polymers BP PPC 0212 R Reprocessed Polypropylene, Unfilled

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Blk/White This reprocessed product is successful in applications where cost is a major specification, yet physical characteristics require product performance. Industrial recycled resin compounds are utilized in this mineral reinforced polypropylene product to help meet the wide recycling requirements.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-PPC-0212-R-Reprocessed-Polypropylene-Unfilled.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	27.6 MPa	4000 psi	ASTM D638
Flexural Modulus	1.00 GPa	145 ksi	ASTM D790
Izod Impact, Notched	1.10 J/cm	2.06 ft-lb/in	
Gardner Impact	>= 11.3 J	>= 8.33 ft-lb	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	85.0 °C	185 °F	ASTM D648

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