

Polyram Polytron P20B01 Homopolymer Polypropylene, Chemically Coupled 20% Long Fiber

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

Material Notes:

A CHEMICALLY COUPLED 20% LONG FIBER GLASS REINFORCED BLACK POLYPROPYLENE HEAT STABILIZED FOR INJECTION MOLDING APPLICATION. Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-Polytron-P20B01-Homopolymer-Polypropylene-Chemically-Coupled-20-Long-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM-D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	85.0 MPa	12300 psi	ASTM-D638
Elongation at Break	2.5 %	2.5 %	ASTM-D638
Tensile Modulus	5.15 GPa	747 ksi	ASTM-D790
Flexural Strength	130 MPa	18900 psi	ASTM-D790
Flexural Modulus	4.50 GPa	653 ksi	ASTM-D790
Izod Impact, Notched	1.10 J/cm @Temperature 23.0 °C	2.06 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	149 °C	300 °F	ASTM-D648

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