

## Polyram Polytron P30B03 Copolymer Polypropylene, Chemically Coupled 30% Long Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Glass Fiber Filler

### Material Notes:

A CHEMICALLY COUPLED 30% LONG GLASS FIBERS REINFORCED BLACK POLYPROPYLENE, HEAT STABILIZED FOR INJECTION MOLDING APPLICATION. These products have significantly improved impact performance characteristics compared to other grades of Polypropylene long fiber thermoplastics. The room temperature Charpy impact properties are 25 to 30% higher at room temperature and at low temperature (-40 C). Information provided by Polyram Ram On Ind.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-Polytron-P30B03-Copolymer-Polypropylene-Chemically-Coupled-30-Long-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-Polytron-P30B03-Copolymer-Polypropylene-Chemically-Coupled-30-Long-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	ASTM-D792
Linear Mold Shrinkage	0.0010 - 0.0020 cm/cm	0.0010 - 0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	85.0 MPa	12300 psi	ASTM-D638
Elongation at Break	2.9 %	2.9 %	ASTM-D638
Tensile Modulus	5.50 GPa	798 ksi	ASTM-D790
Flexural Strength	140 MPa	20300 psi	ASTM-D790
Flexural Modulus	5.30 GPa	769 ksi	ASTM-D790
Izod Impact, Notched	1.70 J/cm @Temperature 23.0 °C	3.18 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
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	
Flame Spread	10 mm/min	0.39 in/min	FMVSS302

## Contact Songhan Plastic Technology Co.,Ltd.

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