

## Polyram Polytron P40B11 Homopolymer Polypropylene, Chemically Coupled 40% LGF

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Glass Fiber Filler

### Material Notes:

A chemically coupled 40% LGF reinforced black PP, heat stabilized for injection molding applications. Information provided by Polyram Ram On Ind.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-Polytron-P40B11-Homopolymer-Polypropylene-Chemically-Coupled-40-LGF.php](http://www.lookpolymers.com/polymer_Polyram-Polytron-P40B11-Homopolymer-Polypropylene-Chemically-Coupled-40-LGF.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	ASTM-D792
Linear Mold Shrinkage	0.0012 cm/cm	0.0012 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	125 MPa	18100 psi	ASTM-D638
Elongation at Break	2.4 %	2.4 %	ASTM-D638
Tensile Modulus	10.0 GPa	1450 ksi	ASTM-D790
Flexural Strength	185 MPa	26800 psi	ASTM-D790
Flexural Modulus	8.20 GPa	1190 ksi	ASTM-D790
Izod Impact, Notched	2.40 J/cm @Temperature 23.0 °C	4.50 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	152 °C	306 °F	ASTM-D648

## Contact Songhan Plastic Technology Co.,Ltd.

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