

## Polyram Polytron P30N01 Homopolymer Polypropylene, Chemically Coupled 30% Long Fiber

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

**Material Notes:**

A CHEMICALLY COUPLED 30% LONG FIBER GLASS REINFORCED NATURAL 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-P30N01-Homopolymer-Polypropylene-Chemically-Coupled-30-Long-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-Polytron-P30N01-Homopolymer-Polypropylene-Chemically-Coupled-30-Long-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	ASTM-D792
Linear Mold Shrinkage	0.0017 cm/cm	0.0017 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	100 MPa	14500 psi	ASTM-D638
Elongation at Break	2.6 %	2.6 %	ASTM-D638
Tensile Modulus	7.75 GPa	1120 ksi	ASTM-D790
Flexural Strength	150 MPa	21800 psi	ASTM-D790
Flexural Modulus	6.45 GPa	936 ksi	ASTM-D790
Izod Impact, Notched	1.80 J/cm @Temperature 23.0 °C	3.37 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

### Contact Songhan Plastic Technology Co.,Ltd.

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