

## Polyram RamOfin PPH300J8 Polypropylene, 40% Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with Glass Fiber + Bead Filler

### Material Notes:

40% glass fiber and glass beads reinforced, high stiffness polypropylene for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-RamOfin-PPH300J8-Polypropylene-40-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-RamOfin-PPH300J8-Polypropylene-40-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	DIN 53479
Linear Mold Shrinkage	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM-D785
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM-D638
Elongation at Break	3.0 %	3.0 %	ASTM-D638
Flexural Strength	80.0 MPa	11600 psi	ASTM D790
Flexural Modulus	4.50 GPa	653 ksi	ASTM-D790
Izod Impact, Notched	0.800 J/cm @Temperature 23.0 °C	1.50 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	
Maximum Service Temperature, Air	110 °C	230 °F	Continuous Use
	140 °C	284 °F	Short peaks operation
Deflection Temperature at 0.46 MPa (66 psi)	150 °C	302 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	140 °C	284 °F	DIN 53461
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

Thermal Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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