

## Polyram RamOfin PPH308G6 Polypropylene, 30% Glass Fiber, Impact Modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass Reinforced, Impact Modified

### Material Notes:

30% Glass fiber reinforced, heat stabilized, impact modified polypropylene for injection molding applications. Information provided by Polyram.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-RamOfin-PPH308G6-Polypropylene-30-Glass-Fiber-Impact-Modified.php](http://www.lookpolymers.com/polymer_Polyram-RamOfin-PPH308G6-Polypropylene-30-Glass-Fiber-Impact-Modified.php)

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage	0.0010 - 0.0040 cm/cm	0.0010 - 0.0040 in/in	ISO 2577
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	
Tensile Strength, Yield	95.0 MPa	13800 psi	ISO 527
Elongation at Break	5.0 %	5.0 %	ISO 527
Tensile Modulus	6.00 GPa	870 ksi	ISO 527
Flexural Strength	115 MPa	16700 psi	ISO 178
Flexural Modulus	5.90 GPa	856 ksi	ISO 178
Izod Impact, Notched (ISO)	14.0 kJ/m <sup>2</sup>	6.66 ft-lb/in <sup>2</sup>	ISO 180
Charpy Impact Unnotched	7.50 J/cm <sup>2</sup>	35.7 ft-lb/in <sup>2</sup>	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 11357
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)	153 °C	307 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	145 °C	293 °F	ISO 75

Thermal Properties	HB Metric	HB English	Comments
	@Thickness 3.00 mm	@Thickness 0.118 in	
Flame Spread	40 mm/min	1.6 in/min	FMVSS302

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China