

Polyram RamOfin PPH302G4 Polypropylene, 20% Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

Material Notes:

20% glass fiber reinforced 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-PPH302G4-Polypropylene-20-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0032 cm/cm	0.0032 in/in	
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 230 °C	9.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM-D638
Elongation at Break	2.5 %	2.5 %	ASTM-D638
Tensile Modulus	4.00 GPa	580 ksi	ASTM-D790
Flexural Strength	90.0 MPa	13100 psi	ASTM D790
Flexural Modulus	3.00 GPa	435 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)	153 °C	307 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	145 °C	293 °F	DIN 53461
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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