

Polyram RamOfin PPC301G2 Polypropylene, 10% Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Glass Fiber Filler

Material Notes:

10% glass fibers reinforced polypropylene copolymer 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-PPC301G2-Polypropylene-10-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	DIN 53479
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 230 °C	1.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM-D785
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM-D638
Elongation at Break	3.0 %	3.0 %	ASTM-D638
Flexural Strength	50.0 MPa	7250 psi	ASTM D790
Flexural Modulus	1.20 GPa	174 ksi	ASTM-D790
Izod Impact, Notched	1.70 J/cm @Temperature 23.0 °C	3.18 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	DIN 53461
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

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