

Polyram RamOfin PPC364I6 Polypropylene, 30% Mineral and Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass/Mineral Reinforced

Material Notes:

30% mineral and glass fiber reinforced, heat resistant 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-PPC364I6-Polypropylene-30-Mineral-and-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 230 °C	6.0 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	5.0 %	5.0 %	ASTM-D638
Tensile Modulus	5.20 GPa	754 ksi	ASTM-D790
Flexural Strength	90.0 MPa	13100 psi	ASTM D790
Flexural Modulus	3.60 GPa	522 ksi	ASTM-D790
Izod Impact, Notched	1.20 J/cm @Temperature 23.0 °C	2.25 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

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