

Polyram RamOfin PPC370B73 Polypropylene, 73% Mineral Filled

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

Material Notes:

73% mineral filled polypropylene for heavy density injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamOfin-PPC370B73-Polypropylene-73-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	2.20 g/cc	0.0795 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0060 - 0.010 cm/cm	0.0060 - 0.010 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	10.0 MPa	1450 psi	ASTM-D638
Elongation at Break	45 %	45 %	ASTM-D638
Tensile Modulus	1.70 GPa	247 ksi	ASTM-D790
Flexural Strength	18.0 MPa	2610 psi	ASTM D790
Flexural Modulus	2.22 GPa	322 ksi	ASTM-D790
Izod Impact, Notched	1.00 J/cm @Temperature 23.0 °C	1.87 ft-lb/in @Temperature 73.4 °F	ASTM-D256

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