

Polyram RamOfin PPC371B50 Polypropylene, 50% Mineral Filled

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

Material Notes:

50% mineral filled, heavy density 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-PPC371B50-Polypropylene-50-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.011 - 0.012 cm/cm	0.011 - 0.012 in/in	
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	15.0 MPa	2180 psi	ASTM-D638
Elongation at Break	90 %	90 %	ASTM-D638
Flexural Strength	28.0 MPa	4060 psi	ASTM D790
Flexural Modulus	1.70 GPa	247 ksi	ASTM-D790
Izod Impact, Notched	0.850 J/cm @Temperature 23.0 °C	1.59 ft-lb/in @Temperature 73.4 °F	ASTM-D256

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