

Polyram RamTal PM340S4 Acetal, 20% Glass beads Reinforced

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Glass Bead Filled

Material Notes:

20% Glass beads reinforced polyacetal for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamTal-PM340S4-Acetal-20-Glass-beads-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.019 cm/cm	0.019 in/in	
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM-D638
Elongation at Break	25 %	25 %	ASTM-D638
Tensile Modulus	2.40 GPa	348 ksi	ASTM-D790
Flexural Strength	65.0 MPa	9430 psi	ASTM-D790
Flexural Modulus	2.20 GPa	319 ksi	ASTM-D790
Izod Impact, Notched	0.450 J/cm @Temperature 23.0 °C	0.843 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	165 °C	329 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	160 °C	320 °F	DIN 53461
Vicat Softening Point	165 °C	329 °F	ASTM-D1525

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