

## Polyram RamTal PM340S6 Polyacetal for Injection Molding, 30% Glass-Beads Filled

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

**Material Notes:**

30% Glass-beads filled polyacetal for injection molding applications. Information provided by Polyram.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-RamTal-PM340S6-Polyacetal-for-Injection-Molding-30-Glass-Beads-Filled.php](http://www.lookpolymers.com/polymer_Polyram-RamTal-PM340S6-Polyacetal-for-Injection-Molding-30-Glass-Beads-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage	0.014 - 0.018 cm/cm	0.014 - 0.018 in/in	ISO 2577
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	35.0 MPa	5080 psi	ISO 527
Elongation at Break	20 %	20 %	ISO 527
Tensile Modulus	2.00 GPa	290 ksi	ISO 527
Flexural Strength	60.0 MPa	8700 psi	ISO 178
Flexural Modulus	1.90 GPa	276 ksi	ISO 178
Izod Impact, Notched (ISO)	2.70 kJ/m <sup>2</sup>	1.28 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 11357
Deflection Temperature at 0.46 MPa (66 psi)	165 °C	329 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	160 °C	320 °F	ISO 75
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

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