

## Polyram RamTal PM7013G2 Acetal, 10% Glass Fiber

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer , 10% Glass Fiber Reinforced

**Material Notes:**

10% Glass fiber reinforced and UV stabilized 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-PM7013G2-Acetal-10-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-RamTal-PM7013G2-Acetal-10-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in <sup>3</sup>	DIN 53479
Water Absorption	0.20 %	0.20 %	DIN 53495
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 190 °C	9.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	ASTM-D638
Elongation at Break	3.0 %	3.0 %	ASTM-D638
Flexural Strength	100 MPa	14500 psi	ASTM-D790
Flexural Modulus	3.00 GPa	435 ksi	ASTM-D790
Izod Impact, Notched	0.500 J/cm @Temperature 23.0 °C	0.937 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	DIN 53482
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	DIN 53482
Dielectric Strength	20.0 kV/mm	508 kV/in	VDE 0303/4

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