

## Polyram RamTal PM3007G6 Acetal, 30% Glass Fiber

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 30% Glass Fiber Reinforced

### Material Notes:

30% Glass-fiber 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-PM3007G6-Acetal-30-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-RamTal-PM3007G6-Acetal-30-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.61 g/cc	0.0582 lb/in <sup>3</sup>	DIN 53479
Water Absorption	0.20 %	0.20 %	DIN 53495
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	
Melt Flow	7.0 g/10 min @Load 2.16 kg, Temperature 190 °C	7.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	99	99	ASTM-D785
Tensile Strength, Yield	135 MPa	19600 psi	ASTM-D638
Elongation at Break	3.0 %	3.0 %	ASTM-D638
Flexural Strength	200 MPa	29000 psi	ASTM-D790
Flexural Modulus	7.00 GPa	1020 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

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

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

Electrical Properties

Metric mm

English in

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China