

Polyram RamTal PM1409 Acetal, PTFE Filled

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, PTFE Filled

Material Notes:

Polyacetal filled with PTFE for sliding parts, low friction and improved wear resistance in molded parts. Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamTal-PM1409-Acetal-PTFE-Filled.php

Physical Properties	Metric	English	Comments
Density	1.85 g/cc	0.0668 lb/in ³	DIN 53479
Water Absorption	0.22 %	0.22 %	DIN 53495
Linear Mold Shrinkage	0.018 - 0.022 cm/cm	0.018 - 0.022 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
Hardness, Rockwell R	70	70	ASTM-D785
Tensile Strength, Yield	45.0 MPa	6530 psi	ASTM-D638
Elongation at Break	20 %	20 %	ASTM-D638
Tensile Modulus	2.20 GPa	319 ksi	ASTM-D790
Flexural Strength	65.0 MPa	9430 psi	ASTM-D790
Flexural Modulus	1.75 GPa	254 ksi	ASTM-D790
Izod Impact, Notched	0.550 J/cm @Temperature 23.0 °C	1.03 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)	155 °C	311 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	120 °C	248 °F	DIN 53461
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

Thermal Properties	Metric	English	Comments
Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	DIN 53482
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	DIN 53482

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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