

Polyram RamTal PM1429 Polyacetal, 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 of molded parts. Information provided by Polyram.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamTal-PM1429-Polyacetal-PTFE-Filled.php

Physical Properties	Metric	English	Comments
Density	1.45 - 1.50 g/cc	0.0524 - 0.0542 lb/in ³	ISO 1183
Water Absorption at Saturation	0.22 %	0.22 %	ISO 62
Linear Mold Shrinkage	0.018 - 0.022 cm/cm	0.018 - 0.022 in/in	ISO 2577
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	50.0 MPa	7250 psi	ISO 527
Elongation at Break	35 %	35 %	ISO 527
Tensile Modulus	2.00 GPa	290 ksi	ISO 527
Flexural Strength	70.0 MPa	10200 psi	ISO 178
Flexural Modulus	1.90 GPa	276 ksi	ISO 178
Izod Impact, Notched (ISO)	4.00 kJ/m ²	1.90 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 11357
Deflection Temperature at 0.46 MPa (66 psi)	155 °C	311 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	120 °C	248 °F	ISO 75
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	IEC 60093

Electrical Properties

Metric 7.00×10^{14} ohm

English 7.00×10^{14} ohm

Comments

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