Polyram RamTal PM1013 Acetal, General Purpose

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

Material Notes:

General purpose polyacetal copolymer 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-PM1013-Acetal-General-Purpose.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in³	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	13 g/10 min @Load 2.16 kg, Temperature 190 °C	13 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	82	82	ASTM-D785
Tensile Strength, Yield	65.0 MPa	9430 psi	ASTM-D638
Elongation at Break	25 %	25 %	ASTM-D638
Flexural Strength	85.0 MPa	12300 psi	ASTM-D790
Flexural Modulus	2.80 GPa	406 ksi	ASTM-D790
Izod Impact, Notched	0.600 J/cm @Temperature 23.0 °C	1.12 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)	160 °C	320 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	DIN 53461

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

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.8	3.8	VDE 0303/4
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dielectric Strength	24.0 kV/mm	610 kV/in	VDE 0303/4

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