

Polyram RamTal RM7009 Acetal, UV Stabilized

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

Material Notes:

UV stabilized acetal 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-RM7009-Acetal-UV-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.018 - 0.020 cm/cm	0.018 - 0.020 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	65.0 MPa	9430 psi	ASTM-D638
Elongation at Break	30 %	30 %	ASTM-D638
Tensile Modulus	2.00 GPa	290 ksi	ASTM-D790
Flexural Strength	75.0 MPa	10900 psi	ASTM-D790
Flexural Modulus	2.50 GPa	363 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 1.8 MPa (264 psi)	105 °C	221 °F	DIN 53461
Vicat Softening Point	150 °C	302 °F	ASTM-D1525
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

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