

Polyram RamSter PF350M3 PBT, 15% Mineral Filled

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Mineral Filled

Material Notes:

15% mineral filled PBT for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamSter-PF350M3-PBT-15-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	DIN 53479
Water Absorption	0.50 %	0.50 %	DIN 53495
Linear Mold Shrinkage	0.018 cm/cm	0.018 in/in	
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 250 °C	20 g/10 min @Load 4.76 lb, Temperature 482 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	ASTM-D638
Elongation at Break	3.5 %	3.5 %	ASTM-D638
Tensile Modulus	2.90 GPa	421 ksi	ASTM-D790
Flexural Strength	95.0 MPa	13800 psi	ASTM D790
Flexural Modulus	3.00 GPa	435 ksi	ASTM-D790
Izod Impact, Notched	0.500 J/cm @Temperature 23.0 °C	0.937 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.6 @Frequency 1e+6 Hz	3.6 @Frequency 1e+6 Hz	VDE 0303/4

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