

Polyram PlusTek PB351I6 Nylon 6, 30% Glass Fiber and Mineral

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Glass/Mineral Reinforced

Material Notes:

30% glass fiber and mineral reinforced polyamide 6 for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-PlusTek-PB351I6-Nylon-6-30-Glass-Fiber-and-Mineral.php

Physical Properties	Metric	English	Comments
Density	1.65 g/cc	0.0596 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	ASTM-D638
Elongation at Break	2.5 %	2.5 %	ASTM-D638
Tensile Modulus	3.70 GPa	537 ksi	ASTM-D790
Flexural Strength	75.0 MPa	10900 psi	ASTM D790
Flexural Modulus	4.10 GPa	595 ksi	ASTM-D790
Izod Impact, Notched	0.450 J/cm @Temperature 23.0 °C	0.843 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	218 °C	424 °F	

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