

Polyram PlusTek PB847I4 Nylon 6, 20% Glass Fiber and Mineral

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

Material Notes:

20% glass fiber and mineral reinforced, impact modified 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-PB847I4-Nylon-6-20-Glass-Fiber-and-Mineral.php

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	ASTM-D638
Elongation at Break	3.5 %	3.5 %	ASTM-D638
Tensile Modulus	3.20 GPa	464 ksi	ASTM-D790
Flexural Strength	125 MPa	18100 psi	ASTM D790
Flexural Modulus	3.50 GPa	508 ksi	ASTM-D790
Izod Impact, Notched	0.900 J/cm @Temperature 23.0 °C	1.69 ft-lb/in @Temperature 73.4 °F	ASTM-D256

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

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