

Polyram Polytron A40B01 Nylon 66, 40% Long Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

A 40% long fiber glass reinforced black nylon 6.6 heat stabilized for injection molding applications. Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-Polytron-A40B01-Nylon-66-40-Long-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0022 cm/cm	0.0022 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	195 MPa	28300 psi	ASTM-D638
Elongation at Break	2.65 %	2.65 %	ASTM-D638
Tensile Modulus	10.65 GPa	1545 ksi	ASTM-D790
Flexural Strength	295 MPa	42800 psi	ASTM-D790
Flexural Modulus	10.7 GPa	1550 ksi	ASTM-D790
Izod Impact, Notched	2.20 J/cm @Temperature 23.0 °C	4.12 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	225 °C	437 °F	DIN 53461

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