

Polyram Polytron A50B02 Nylon 66, Chemically Coupled 50% Long Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 50% Glass Fiber Filled

Material Notes:

A CHEMICALLY COUPLED 50% LONG FIBER GLASS REINFORCED BLACK NYLON 6.6 HEAT STABILIZED, UV STABILIZED FOR INJECTION

Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-Polytron-A50B02-Nylon-66-Chemically-Coupled-50-Long-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	ASTM-D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	265 MPa	38400 psi	ASTM-D638
Elongation at Break	1.9 %	1.9 %	ASTM-D638
Tensile Modulus	17.2 GPa	2490 ksi	ASTM-D790
Flexural Strength	420 MPa	60900 psi	ASTM-D790
Flexural Modulus	15.5 GPa	2250 ksi	ASTM-D790
Izod Impact, Notched	4.50 J/cm @Temperature 23.0 °C	8.43 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	253 °C	487 °F	ASTM-D648

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