

Polyram Polytron A40N02 Nylon 66, 40% Long Fiber

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

Material Notes:

40% LONG FIBER GLASS REINFORCED NATURAL NYLON 6.6 HEAT STABILIZED, UV STABILIZED FOR INJECTION MOLDING APPLICATION. Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-Polytron-A40N02-Nylon-66-40-Long-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ASTM-D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	230 MPa	33400 psi	ASTM-D638
Elongation at Break	1.9 %	1.9 %	ASTM-D638
Tensile Modulus	13.3 GPa	1930 ksi	ASTM-D790
Flexural Strength	340 MPa	49300 psi	ASTM-D790
Flexural Modulus	11.2 GPa	1620 ksi	ASTM-D790
Izod Impact, Notched	3.00 J/cm @Temperature 23.0 °C	5.62 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	255 °C	491 °F	ASTM-D648

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