

Polyram Polytron A35N01 Nylon 66, Chemically Coupled 35% Long Fiber

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

Material Notes:

A CHEMICALLY COUPLED 35% LONG FIBER GLASS REINFORCED NATURAL NYLON 6.6 HEAT STABILIZED FOR INJECTION
Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-Polytron-A35N01-Nylon-66-Chemically-Coupled-35-Long-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in ³	ASTM-D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	210 MPa	30500 psi	ASTM-D638
Elongation at Break	2.0 %	2.0 %	ASTM-D638
Tensile Modulus	12.0 GPa	1740 ksi	ASTM-D790
Flexural Strength	305 MPa	44200 psi	ASTM-D790
Flexural Modulus	10.0 GPa	1450 ksi	ASTM-D790
Izod Impact, Notched	2.70 J/cm @Temperature 23.0 °C	5.06 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	ASTM-D648

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