

Polyram Polytron A30B041 Nylon 66, 30% Long Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

30% LONG FIBER GLASS REINFORCED, PTFE LUBRICATED, UV STABILIZED BLACK NYLON 6.6 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-A30B041-Nylon-66-30-Long-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ASTM-D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	170 MPa	24700 psi	ASTM-D638
Elongation at Break	2.5 %	2.5 %	ASTM-D638
Tensile Modulus	9.20 GPa	1330 ksi	ASTM-D790
Flexural Strength	250 MPa	36300 psi	ASTM-D790
Flexural Modulus	9.25 GPa	1340 ksi	ASTM-D790
Izod Impact, Notched	2.10 J/cm @Temperature 23.0 °C	3.93 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	256 °C	493 °F	DSC
Deflection Temperature at 1.8 MPa (264 psi)	255 °C	491 °F	ASTM-D648

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