

Nylene® 9533 , 33% Glass Reinforced Nylon 6/12

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612, Glass Fiber Filler

Material Notes:

Description: Nylene® 9533 is a 33% glass fiber reinforced specialty nylon. Information provided by Custom Resins. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nylene-9533-33-Glass-Reinforced-Nylon-612.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	131 MPa	19000 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	ASTM D638
Flexural Modulus	7.24 GPa	1050 ksi	ASTM D790
Izod Impact, Notched	0.747 J/cm	1.40 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	224 °C	435 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ASTM D648

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