

Nylene® 6111 (HS) , 40% Glass/Mineral Reinforced Nylon 6/6

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

Material Notes:

Description: Nylene® 6111 (HS) is a 40% mineral reinforced, impact modified nylon 6/6. 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-6111-HS-40-GlassMineral-Reinforced-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	74.5 MPa	10800 psi	ASTM D638
Elongation at Break	7.0 %	7.0 %	ASTM D638
Flexural Modulus	4.83 GPa	700 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	235 °C	455 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	124 °C	255 °F	ASTM D648

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