

Nylene® 4114-14 GL (HS) , 14% Glass Fiber Reinforced, Impact Modified Nylon 6/6

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

Material Notes:

Description: Nylene® 4114-14 GL (HS) is a 14% glass reinforced, high impact nylon 6/6. 4114-14 GL is automotive approved. 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-4114-14-GL-HS-14-Glass-Fiber-Reinforced-Impact-Modified-Nylon-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	78.6 MPa	11400 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Flexural Modulus	3.45 GPa	500 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm	1.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	259 °C	498 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	207 °C	405 °F	ASTM D648

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