

Nylene® PA6/6 Glass Filled 5113 HS Nylon 6/6

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

Material Notes:

13% Glass Filler; Property data for dry as molded samples. 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-PA66-Glass-Filled-5113-HS-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	120 MPa	17400 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Modulus	4.65 GPa	674 ksi	ASTM D790
Izod Impact, Notched	0.500 J/cm	0.937 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	254 °C	489 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	243 °C	469 °F	ASTM D648

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