

Nylene® PA6/6 Impact Modified 4114 HS Nylon 6/6

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

Material Notes:

High Impact Grade; 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-Impact-Modified-4114-HS-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.0 MPa	7400 psi	ASTM D638
Elongation at Break	55 %	55 %	ASTM D638
Flexural Modulus	1.71 GPa	248 ksi	ASTM D790
Izod Impact, Notched	9.99 J/cm	18.7 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)	68.0 °C	154 °F	ASTM D648

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