

Nylene® PA6 Homopolymer 201 Nylon 6; Low Viscosity Nucleated

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Dry as molded.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-PA6-Homopolymer-201-Nylon-6-Low-Viscosity-Nucleated.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D955
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	85.5 MPa	12400 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Modulus	3.00 GPa	435 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	421 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	74.0 °C	165 °F	ASTM D648

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