

Nylene® PA6/6 Impact Modified 4120 HS Nylon 6/6; MoS2 lube

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, MoS2 Filled

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-4120-HS-Nylon-66-MoS2-lube.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	46.0 MPa	6670 psi	ASTM D638
Elongation at Break	70 %	70 %	ASTM D638
Flexural Modulus	1.70 GPa	247 ksi	ASTM D790
Izod Impact, Notched	7.88 J/cm	14.8 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	252 °C	486 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	64.0 °C	147 °F	ASTM D648

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