

Nylene® PA6/6 Mineral Filled 6140 HS Nylon 6/6

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 40% Mineral Filled

Material Notes:

40% Mineral 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-Mineral-Filled-6140-HS-Nylon-66.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	97.0 MPa	14100 psi	ASTM D638
Elongation at Break	1.0 %	1.0 %	ASTM D638
Flexural Modulus	6.60 GPa	957 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)	199 °C	390 °F	ASTM D648

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