

Ravago Manufacturing Americas Hylon® N2040MGHL Nylon 6 (Cond)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Heat Stabilized

Material Notes:

Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N2040MGHL-Nylon-6-Cond.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	DAM; ASTM D792
Water Absorption	0.90 %	0.90 %	24 hrs, DAM; ASTM D570
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	0.125 in, DAM; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	68.9 MPa	10000 psi	ASTM D638
Flexural Strength	117 MPa	17000 psi	ASTM D790
Flexural Modulus	4.73 GPa	686 ksi	ASTM D790

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 282 °C	500 - 540 °F	
Mold Temperature	71.1 - 98.9 °C	160 - 210 °F	
Drying Temperature	73.9 °C	165 °F	
Dry Time	2 - 4 hour	2 - 4 hour	
Moisture Content	0.18 %	0.18 %	
Back Pressure	0.138 - 0.414 MPa	20.0 - 60.0 psi	
Screw Speed	50 - 120 rpm	50 - 120 rpm	

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