

Ravago Manufacturing Americas Hylon® N2000THL 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-N2000THL-Nylon-6-Cond.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	DAM; ASTM D792
Water Absorption	1.5 %	1.5 %	24 hrs, DAM; ASTM D570
Linear Mold Shrinkage	0.018 cm/cm	0.018 in/in	0.125 in, DAM; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.0 MPa	4200 psi	ASTM D638
Flexural Strength	36.7 MPa	5320 psi	ASTM D790
Flexural Modulus	0.676 GPa	98.0 ksi	ASTM D790
Izod Impact, Notched	NB	NB	73°F; ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	243 - 271 °C	470 - 520 °F	
Mold Temperature	60.0 - 87.8 °C	140 - 190 °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	40 - 120 rpm	40 - 120 rpm	

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