

Ravago Manufacturing Americas Hylon® N1020MHL Nylon 6/6 (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 20% Mineral Filled

Material Notes:

Available in North America Filler: Mineral, 20% Filler by Weight Additive: Heat Stabilizer and Lubricant Features: Lubricated and Heat Stabilized Form: Pellets Processing Method: Injection Molding Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N1020MHL-Nylon-66-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0080 - 0.012 cm/cm @Thickness 3.17 mm	0.0080 - 0.012 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	81.4 MPa	11800 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	4.65 GPa	675 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	243 °C	470 °F	Unannealed; ASTM D648
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

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