

Ravago Manufacturing Americas Hylon® N1200HL BK Nylon 6/6 (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Available in North America Additive: Heat Stabilizer and Lubricant Features: Lubricated and Heat Stabilized Auto Specifications: DELPHI QMPL-1257 Color: Black Form: Pellets Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N1200HL-BK-Nylon-66-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Density	1.14 g/cc	0.0412 lb/in³	ISO 1183
Water Absorption	0.90 % @Time 86400 sec	0.90 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.016 - 0.020 cm/cm	0.016 - 0.020 in/in	ASTM D955 and ISO 294-4

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	85	85	ASTM D785
Tensile Strength at Break	75.8 MPa	11000 psi	ASTM D638
	75.8 MPa	11000 psi	ISO 527-2
Elongation at Break	15 %	15 %	ASTM D638
Flexural Strength	96.5 MPa	14000 psi	ASTM D790
	97.2 MPa	14100 psi	ISO 178
Flexural Modulus	2.83 GPa	410 ksi	ASTM D790
	2.83 GPa	410 ksi	ISO 178
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256
Izod Impact, Notched (ISO)	48.3 kJ/m²	23.0 ft-lb/in²	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	238 °C	460 °F	Unannealed; ASTM D648

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