

Ravago Manufacturing Americas Hylon® N1025HLFR Nylon 6/6 (DAM) (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hylon-N1025HLFR-Nylon-66-DAM-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.65 g/cc	0.0596 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0070 cm/cm	0.0030 - 0.0070 in/in	0.125 in; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	159 MPa	23000 psi	73°F; ASTM D638
Elongation at Break	1.5 %	1.5 %	73°F; ASTM D638
Flexural Strength	200 MPa	29000 psi	73°F; ASTM D790
Flexural Modulus	8.27 GPa	1200 ksi	73°F; ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	73°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	246 °C	475 °F	Unannealed; ASTM D648
Flammability, UL94	V-0	V-0	0.0787 in, BK
	V-0	V-0	0.0787 in, NC
	V-0	V-0	0.118 in, BK
	V-0	V-0	0.118 in, NC

Descriptive Properties	Value	Comments
Holding Pressure	750 to 1400 psi	
Injection Rate	Fast	

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