

Hylon® N1000T Series

N1000TH, N1000TL, N1000THL, N1000THLHF2, N1000THLUV2,
N1000THLUV3

Nylon 66

Ravago Manufacturing Americas



Product Description

Nylon 66, Impact Modified

Property	Test Method	Value DAM	Cond. 50% RH	Units
Physical				
Specific Gravity	ISO 1138	1.10		-
Water Absorption (24 hr, Immersed)	ISO 62	1.2		%
Shrinkage (Flow Direction, 1/8 in.)‡	ISO 294-4	1.6-2.0		%
Mechanical				
Strength at Break	ISO 527-1	65		MPa
Strain at Break	ISO 527-1	40		%
Flexural Modulus	ISO 178	2172		MPa
Flexural Strength	ISO 178	76		MPa
Notched Izod Impact	ISO 180	15		kJ/m ²
Hardness (M-Scale)	ISO 2039	-		-
Thermal				
Heat Deflection Temperature				
0.45 MPa	ISO 75-2/B	228		°C
1.80 MPa	ISO 72-2/A	71		°C
Flammability				File Number E157012
Flammability Classification	UL 94			
1.5 mm		HB		-
3.0 mm		HB		-

Ravago Manufacturing Americas disclaimer statement:

The technical information, suggested uses, and applications presented, are made without charge and are believed to be reliable; however, Ravago Manufacturing Americas disclaims responsibility for reliance on, and results of use of, this information. The data listed herein falls within the nominal range of product properties but should not be used to establish specification limits or used alone as a basis for design. This information is not intended as a warranty of any kind. Users must make their own representative test and assume all risks of use, whether the product is used alone or in combination with other materials. Ravago Manufacturing Americas assumes no obligation or liability for any advice furnished or results obtained with respect to the product, nor for use of the product in infringement of any patent. ALL WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE OR USE ARE EXCLUDED AND DISCLAIMED. The foregoing limitation of remedy and exclusion of liability is reflected in, and is part of, the consideration for the price charged for the product.

All data displayed herein has been obtained via testing of injected molded specimens of natural color. Pigmentation may affect certain properties to various degrees.

‡ Shrinkage data are general guidelines and are only intended to allow comparison to other materials. They should not be used as the sole source of information for generating core and cavity mold dimensions.

Ravago Manufacturing Americas

1900 Summit Tower Blvd., Suite 900
Orlando, FL 32810

Tel: 1-800-459-7009

www.ravago.com