

# 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
<b>Physical</b>				
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		%
<b>Mechanical</b>				
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 <sup>2</sup>
Hardness (M-Scale)	ISO 2039	-		-
<b>Thermal</b>				
Heat Deflection Temperature				
0.45 MPa	ISO 75-2/B	228		°C
1.80 MPa	ISO 72-2/A	71		°C
<b>Flammability</b>				File Number
				E157012
Flammability Classification	UL 94			
1.5 mm		HB		-
3.0 mm		HB		-