

# Hylon® N1033 Series

N1033H, N1033L, N1033HL, N1033HLUV2, N1033EL, N1033EHL

Nylon 66

Ravago Manufacturing Americas



## Product Description

Nylon 66, 33% Glass Filled

Property	Test Method	Value DAM	Cond. 50% RH	Units
<b>Physical</b>				
Specific Gravity	ISO 1138	1.38		-
Water Absorption (24 hr, Immersed)	ISO 62	0.7		%
Shrinkage (Flow Direction, 1/8 in.)‡	ISO 294-4	0.3-0.5		%
<b>Mechanical</b>				
Strength at Break	ISO 527-1	193		MPa
Strain at Break	ISO 527-1	2.0		%
Flexural Modulus	ISO 178	9300		MPa
Flexural Strength	ISO 178	269		MPa
Notched Izod Impact	ISO 180	7		kJ/m <sup>2</sup>
Hardness (M-Scale)	ISO 2039	-		-
<b>Thermal</b>				
Heat Deflection Temperature				
0.45 MPa	ISO 75-2/B	-		°C
1.80 MPa	ISO 72-2/A	243		°C
<b>Flammability</b>				File Number
				E157012
Flammability Classification	UL 94			
1.5 mm		HB		-
3.0 mm		HB		-