

Hylon® N2000NHL

PA6

Ravago Manufacturing Americas

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955
Mechanical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	89.6 / 43.4	MPa	ASTM D 638
Elongation at Break	15 / 240	%	ASTM D 638
Flexural Modulus	3100 / 945	MPa	ASTM D 790
Flexural Strength	110 / 41.4	MPa	ASTM D 790
Rockwell Hardness	R 120 /	-	ASTM D 785
Izod Impact notched, 1/8 in	53 / 170	J/m	ASTM D 256
Thermal properties			
	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	81	E-6/K	ASTM D 696
DTUL @ 66 psi	188	°C	ASTM D 648
DTUL @ 264 psi	73.9	°C	ASTM D 648
Other properties			
	Value	Unit	Test Standard
Water Absorption, 24hr	1.6	%	ASTM D 570
Density	1130	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Additives

Lubricants, Release agent

Special Characteristics

Heat stabilized or stable to heat

Features

Nucleated

Applications

General Purpose

Regional Availability

North America