

Hylon® N2000

PA6

Ravago Manufacturing Americas

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.015	mm/mm	ASTM D 955
Mechanical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	79.3 / 34.5	MPa	ASTM D 638
Elongation at Break	35 / -	%	ASTM D 638
Flexural Modulus	2790 / 731	MPa	ASTM D 790
Flexural Strength	110 / 33	MPa	ASTM D 790
Rockwell Hardness	R 119 /	-	ASTM D 785
Izod Impact notched, 1/8 in	53 / N	J/m	ASTM D 256
Thermal properties			
	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	83	E-6/K	ASTM D 696
DTUL @ 66 psi	174	°C	ASTM D 648
DTUL @ 264 psi	68.3	°C	ASTM D 648
Electrical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	17 / -	kV/mm	ASTM D 149
Volume Resistivity	1E13 / -	Ohm*cm	ASTM D 257
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

Applications

General Purpose

Delivery form

Pellets, Natural Color

Regional Availability

North America