

# HYLON® N2030HL NAT

Polyamide 6

Ravago Manufacturing Americas



## Product Description

PA 6, 30% Glass-fiber, Heat Stabilized, Lubricated, Natural Color

Property	Test Method	Units	Dry	Conditioned 50% RH
<b>Physical</b>				
Specific Gravity	ISO 1183	–	1.37	–
Water Absorption (24 hr. Immersed)	ISO 62	%	0.8	–
Shrinkage (Flow Direction, 1/8 in.) <sup>1</sup>	ISO 294-4	%	0.3 – 0.5	–
<b>Mechanical</b>				
Strength at Break	ISO 527-1	MPa	177	112
Strain at Break	ISO 527-1	%	2.0	5.0
Flexural Modulus	ISO 178	MPa	9300	5780
Flexural Strength	ISO 178	MPa	267	166
Notched Izod Impact (23°C)	ISO 180	kJ/m <sup>2</sup>	15	29
Notched Charpy Impact (23°C)	ISO 179	kJ/m <sup>2</sup>	15	29
<b>Thermal</b>				
Heat Deflection Temperature				
0.45 MPa	ISO 75-2/B	°C	220	–
1.80 MPa	ISO 75-2/A	°C	210	–
<b>Flammability</b>				
Flammability Classification	UL 94			
1.5 mm		–	HB	–
3.0 mm		–	-	–