



# HYLON® N1000EHL BK

Ravago Manufacturing Americas - Polyamide 66

Wednesday, December 8, 2021

## General Information

### Product Description

PA 66, Unfilled, Heat Stabilized, Lubricated, Enhanced UL ratings, Black Color

### General

Material Status	• Commercial: Active	
Availability	• North America	
Additive	• Heat Stabilizer	• Lubricant
Features	• Heat Stabilized	• Lubricated
RoHS Compliance	• RoHS Compliant	
Appearance	• Black	

## ASTM & ISO Properties <sup>1</sup>

Physical	Dry	Conditioned	Unit	Test Method
Density	1.14	--	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage - Flow (0.125 in)	1.4 to 1.6	--	%	ISO 294-4
Water Absorption (24 hr, 73°F)	1.3	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	10600	6960	psi	ISO 527-2
Tensile Strain (Break)	25	35	%	ISO 527-2
Flexural Modulus	435000	149000	psi	ISO 178
Flexural Stress	16500	5220	psi	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength 73°F	3.8	12	ft·lb/in <sup>2</sup>	ISO 179
Notched Izod Impact Strength 73°F	3.8	12	ft·lb/in <sup>2</sup>	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load 66 psi, Unannealed	460	--	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	190	--	°F	ISO 75-2/A
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating				UL 94
0.06 in	V-2	--		
0.12 in	V-2	--		

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.