



HYLON® N1000H2L NT034

Ravago Manufacturing Europe - Polyamide 66

General Information

Product Description

Unfilled, Polyamide 66 Compound

Key Features: HYLON N1000 NT034 is heat stabilized PA66 compound with excellent strength and stiffness properties

Process Method: Injection Moulding

Uses: Recommended for general applications and purposes

General

Material Status	• Commercial: Active		
Availability	• Europe		
Additive	• Heat Stabilizer		
Features	• General Purpose	• Good Strength	
	• Good Stiffness	• Heat Stabilized	
Uses	• General Purpose		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-1
Tensile Stress (Yield)	80.0	MPa	ISO 527-2
Tensile Stress (Break)	80.0	MPa	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Stress	105	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1A
Notched Izod Impact Strength (23°C)	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	210	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm		V-2	
3.2 mm		V-2	

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Injection	Nominal Value	Unit
Drying Temperature	90	°C
Drying Time	2.0 to 4.0	hr
Rear Temperature	250 to 270	°C
Middle Temperature	260 to 280	°C
Front Temperature	270 to 290	°C
Nozzle Temperature	270 to 290	°C
Mold Temperature	80	°C

Notes

¹ Typical properties: these are not to be construed as specifications.