



# HYLON® N2015TH2L

## Ravago Manufacturing Europe - Polyamide 6

### General Information

#### Product Description

PA6 compound 15% glass fibre filled, impact modified available in custom colours also heat and UV stabilized for injection moulding

#### General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Additive	• Impact Modifier
Features	• Impact Modified
Appearance	• Colors Available
Processing Method	• Injection Molding

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm <sup>3</sup>	ISO 2781
Molding Shrinkage			
Across Flow	1.1	%	
Flow	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4200	MPa	ISO 527-1
Tensile Stress (Break)	95.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	3800	MPa	ISO 178
Flexural Stress (23°C)	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m <sup>2</sup>	ISO 180
Unnotched Izod Impact Strength (23°C)	40	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
1.8 MPa, Unannealed	175	°C	
Vicat Softening Temperature	200	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm		HB	
3.2 mm		HB	
Glow Wire Flammability Index (2.0 mm)	650	°C	IEC 60695-2-12

#### Notes

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