



## Hylon N2030GBH2L BK310

### Polyamide 6 Prime Compound

**Product Description :** 30% Glass Bead Reinforced, Black Color, Polyamide 6 Compound

**Key Features :** HYLON N2030GBH2L BK310 is heat stabilized PA6 compound with good strength and stiffness properties

**Process Method :** Injection moulding

**Uses :** Recommended for general applications & purposes

**Revision Date :** 01.01.2023

	Value	Unit	Standard
<b>Physical</b>			
Density	1,34	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
Tensile Stress at Break	57	MPa	ISO 527-1
Yield Strength	61	MPa	ISO 527-1
Elongation at Yield	3,5	%	ISO 527-1
Elongation at Break	7	%	ISO 527-1
Tensile Modulus	4300	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	4	kJ/m2	ISO 180/1A
Charpy Impact Strength (Notched)	4	kJ/m2	ISO 179/1A
Flexural Modulus	3000	Mpa	ISO 178
Flexural Strength	90	Mpa	ISO 178
Izod Impact Strength (Unnotched)	21	kJ/m2	ISO 180/1A
Charpy Impact Strength (Unnotched)	29	kJ/m2	ISO 179/1U
<b>Thermal</b>			
HDT (0.45 Mpa)	185	°C	ISO 75B
HDT (1.8 Mpa)	70	°C	ISO 75A
<b>Flammability</b>			
Flammability (1,6 mm)	HB	*	UL 94
Flammability ( 3,2 mm )	HB	*	UL 94



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#### Drying Condition

Drying Time(hr)	2-4
Drying Temperature(°C)	90

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#### Molding Condition (°C)

1st Zone (hopper)(°C)	235-240
2nd Zone(°C)	240-250
3rd Zone(°C)	250-265
Nozzle(°C)	250-265
Mold Temperature(°C)	80

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#### Important Notice;

The above results are obtained from the tests conducted in Ravago Petrokimya laboratories on injection molded ISO samples and cannot be used directly to determine end-use or design specification. Datasheet values represent a statistical average of product properties and they may be subject to change as new information becomes available. Customers and other users should make their own independent determination that the product is suitable for the intended use. Ravago Petrokimya accepts no responsibility for results obtained by the application of this information and disclaims all warranties that might arise in connection with this information.