+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

Hylon N2000HF NAT

Polyamide 6 Prime Compound

Product Description :	Unfilled, High Flow, Polyamide 6 Compound
Key Features :	HYLON N2000HF NAT is a general purpose PA6 compound with excellent strength and stiffness properties
Process Method :	Injection molding
Uses :	Recommended for general applications in automotive, electrical and appliance sector.
Revision Date :	01.01.2023

	Value	Unit	Standard
Physical			
Density	1,13	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	45	MPa	ISO 527-1
Yield Strength	65	MPa	ISO 527-1
Elongation at Yield	4,5	%	ISO 527-1
Elongation at Break	50	%	ISO 527-1
Tensile Modulus	2650	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	5	kj/m2	ISO 180/1A
Flexural Modulus	2300	Mpa	ISO 178
Flexural Strength	95	Mpa	ISO 178
Thermal			
HDT (0.45 Mpa)	198	°C	ISO 75B
HDT (1.8 Mpa)	80	°C	ISO 75A
Vicat Softening Point (120°C/10N)	215	°C	ISO 306
Flammability			
Glow Wire Flammability Index GWFI (1 mm)	850	°C	IEC 60695-2-12
Flammability (3,2 mm)	V2	*	UL 94

Data Sheet

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Glow Wire Flammability Index GWFI (2 mm)	850	°C	IEC 60695-2-12

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

Molding Condition (°C)	
1st Zone (hopper)(°C)	230-240
2nd Zone(°C)	235-245
3rd Zone(°C)	240-250
Nozzle(°C)	240-250
Mold Temperature(°C)	80

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.

Ex : BU150UF0J9000