Hylon N2000 NAT

Polyamide 6 Prime Compound

Product Description :	Unfilled, Polyamide 6 Compound
Key Features :	HYLON N2000 NAT is a general purpose PA6 compound with good strength and stiffness properties
Process Method :	Injection Moulding
Uses :	Recommended for general purposes and applications
Revision Date :	20.11.2023

	Value	Unit	Standard
Physical			
Density	1,13	gr / cm3	ISO 1183 1-A
Relative Viscosity	2.70 ± 0.04	*	ISO 307
Mechanical			
Tensile Stress at Break	73	MPa	ISO 527-1
Elongation at Yield	4,5	%	ISO 527-1
Tensile Modulus	2750	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	5,5	kj/m2	ISO 180/1A
Charpy Impact Strength (Notched)	6	kj/m2	ISO 179/1A
Thermal			
HDT (0.45 Mpa)	180	°C	ISO 75B
HDT (1.8 Mpa)	65	°C	ISO 75A
Vicat Softening Point (120°C/h & 10 N)	215	°C	ISO 306 Method A120
Flammability			
Flammability (1,6 mm)	V2	*	UL 94
Glow Wire Flammability Index GWFI (3 mm)	850	°C	IEC 60695-2-12
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 : BM150UF0J9000

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