HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

Hylon N2000H2L NAT

Polyamide 6 Prime Compound

Ravago

Product Description : Unfilled, Polyamide 6 Compound

Key Features : HYLON N2000H2L NAT is a heat stabilized and lubricated PA6 compound with good strength and stiffness properties

Process Method : Injection Moulding

Uses : Recommended for general purposes and applications

Revision Date : 01.01.2023

	Value	Unit	Standard
Physical			
Density	1,13	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	80	MPa	ISO 527-1
Yield Strength	82	MPa	ISO 527-1
Elongation at Yield	3	%	ISO 527-1
Elongation at Break	3,5	%	ISO 527-1
Tensile Modulus	3400	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	2700	Mpa	ISO 178
Flexural Strength	110	Mpa	ISO 178
Thermal			
HDT (0.45 Mpa)	180	°C	ISO 75B
HDT (1.8 Mpa)	65	°C	ISO 75A
Vicat Softening Point (120°C/10N)	215	°C	ISO 306
Flammability			
Flammability (1,6 mm)	V2	*	UL 94
Flammability (3,2 mm)	V2	*	UL 94

Data Sheet

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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.