Hylon N2000STH2L NAT

Polyamide 6 Prime Compound

Product Description :	Unfilled, High Impact Modified, Polyamide 6 Compound
Key Features :	HYLON N2000STH2L NAT is high heat stabilized and lubricated PA6 compound with good toughness and stiffness properties
Process Method :	Injection moulding
Uses :	Recommended for general applications and purposes
Revision Date :	01.01.2023

	Value	Unit	Standard
Physical			
Density	1,06	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	40	MPa	ISO 527-1
Yield Strength	45	MPa	ISO 527-1
Elongation at Break	>70	%	ISO 527-1
Tensile Modulus	1900	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	65	kj/m2	ISO 180/1A
Charpy Impact Strength (Notched)	70	kj/m2	ISO 179/1A
Flexural Modulus	1400	Mpa	ISO 178
Flexural Strength	50	Mpa	ISO 178
Izod Impact Strength (Unnotched)	NB	kj/m2	ISO 180/1A
Charpy Impact Strength (Unnotched)	NB	kj/m2	ISO 179/1A
Thermal			
HDT (0.45 Mpa)	65	°C	ISO 75B
HDT (1.8 Mpa)	50	°C	ISO 75A
Flammability			
Flammability (1,6 mm)	HB	*	UL 94
Flammability (3,2 mm)	HB	*	UL 94
Flammability (0,8 mm)	HB	*	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)	220-225
2nd Zone(°C)	225-230
3rd Zone(°C)	230-235
Nozzle(°C)	230-235
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 : BM453UF0J1000
RAVAMID R200 T53 NC

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