



Hylon N2000STH2L3 NAT
Polyamide 6 Prime Compound

Product Description : Unfilled, High Impact Modified, Polyamide 6 Compound

Key Features : HYLON N2000STH2L3 NAT is heat stabilized, high lubricated PA6 compound with excellent toughness and stiffness balance 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	>80	%	ISO 527-1
Tensile Modulus	1900	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	75	kJ/m2	ISO 180/1A
Charpy Impact Strength (Notched)	80	kJ/m2	ISO 179/1A
Izod Impact Strength (Unnotched)	NB	kJ/m2	ISO 180/1A
Charpy Impact Strength (Unnotched)	NB	kJ/m2	ISO 179/1U
Izod Impact Strength (Notched) (-30°C)	20	kJ/m2	ISO 180/1A
Charpy Impact Strength notched (-30°C)	17	kJ/m2	ISO 179/1
Thermal			
HDT (0.45 Mpa)	155	°C	ISO 75B
HDT (1.8 Mpa)	55	°C	ISO 75A
Flammability			
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

Molding Condition

Barrel Rear	220-225
Barrel Center	225-230
Barrel Front	230-235
Nozzle	230-235
Mould Temperature	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: Ravamid R200 H ST63