

Hylon N1000STHL NAT

Polyamide 66 Prime Compound



Product Description : Unfilled, Impact Modified, Polyamide 66 Compound

Key Features : HYLON N1000STHL NAT is high heat stabilized and lubricated PA66 compound with good toughness and stiffness balance properties

Process Method : Injection moulding

Uses : Recommended for automotive applications

Revision Date : 01.04.2022

	Value	Unit	Standard
Physical			
Density	1,08	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	52	MPa	ISO 527-1
Tensile Modulus	55	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	80	kJ/m2	ISO 180/1A
Charpy Impact Strength (Notched)	80	kJ/m2	ISO 179/1A
Flexural Modulus	1720	Mpa	ISO 178
Flexural Strength	68	Mpa	ISO 178
Thermal			
HDT (0.45 Mpa)	148	°C	ISO 75B
HDT (1.8 Mpa)	60	°C	ISO 75A
Flammability			
Flammability (0,8 mm)	HB	*	UL 94

Drying Condition

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

Molding Condition (°C)

1st Zone (hopper)(°C)	250-270
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2nd Zone(°C)	260-280
3rd Zone(°C)	270-290
Nozzle(°C)	270-290
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.

REMARK:
THIS TDS APPLIES FOR THE ID OF 270289



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