Hylon N1000 NT034

Polyamide 66 Prime Compound

Product Description :	Unfilled, Polyamide 66 Compound
Key Features :	HYLON N1000 NT034 is a general purpose PA66 compound with excellent strength and stiffness properties
Process Method :	Injection Moulding
Uses :	Recommended for general applications and purposes
Revision Date :	01.01.2023

	Value	Unit	Standard
Physical			
Density	1,14	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	80	MPa	ISO 527-1
Yield Strength	80	MPa	ISO 527-1
Tensile Modulus	3000	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	4	kj/m2	ISO 180/1A
Charpy Impact Strength (Notched)	5	kj/m2	ISO 179/1A
Flexural Modulus	2500	Mpa	ISO 178
Flexural Strength	105	Mpa	ISO 178
Thermal			
HDT (1.8 Mpa)	85	°C	ISO 75A
Vicat Softening Point (50°C/50N)	210	°C	ISO 306
Flammability			
Flammability (1,6 mm)	V2	*	UL 94
Flammability (3,2 mm)	V2	*	UL 94

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

Data Sheet

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Molding Condition (°C)	
1st Zone (hopper)(°C)	250-270
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.

Ex : AM150UF0J9000

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