+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

Hylon N2030TH2L3 NAT

Polyamide 6 Prime Compound

Product Description : 30% Glass Fibre Reinforced, Impact Modified, Polyamide 6 Compound

Key Features : HYLON N2030TH2L3 NAT is heat stabilized and lubricated PA6 compound with good toughness and strength properties

Process Method : Injection Moulding

Uses : Recommended for general applications and purposes

Revision Date : 01.01.2023

	Value	Unit	Standard
Physical			
Density	1,29	gr / cm3	ISO 1183 1-A
Mechanical			
Yield Strength	125	MPa	ISO 527-1
Elongation at Yield	3,5	%	ISO 527-1
Elongation at Break	4	%	ISO 527-1
Tensile Modulus	7900	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	26	kj/m2	ISO 180/1A
Charpy Impact Strength (Notched)	27	kj/m2	ISO 179/1A
Flexural Modulus	6350	Mpa	ISO 178
Flexural Strength	185	Mpa	ISO 178
Izod Impact Strength (Unnotched)	70	kj/m2	ISO 180/1A
Charpy Impact Strength (Unnotched)	80	kj/m2	ISO 179/1U
Izod Impact Strength (Notched) (-30°C)	18,5	kj/m2	ISO 180/1A
Izod Impact Strength (Notched) (-40°C)	16	kj/m2	ISO 180/1A
Izod Impact Strength (Unnotched) (-40°C)	67	kj/m2	ISO 180 /1A
Charpy Impact Strength (Notched -40°C)	15	kj/m2	ISO 179/1A
Charpy Impact Strength (unnotched -40°C)	82	kj/m2	ISO 179/1A

Data Sheet

+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

Hylon N2030TH2L3 NAT

Polyamide 6 Prime Compound

Thermal			
HDT (1.8 Mpa)	185	°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

Drying Condition	
Drying Time(hr)	2-4
Drying Temperature(°C)	90
Molding Condition (°C)	
1st Zone (hopper)(°C)	235-240
2nd Zone(°C)	240-250
3rd Zone(°C)	255-265
Nozzle(°C)	255-265
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 : BM451GR5J1000
RAVAMID R200 T51 GF30 NC