Hylon N1030H2L BK397

Polyamide 66 Prime Compound

Product Description :	30% Glass Fibre Reinforced, Black Color, Polyamide 66 Compound
Key Features :	HYLON N1030H2L BK397 is heat stabilized PA66 compound with excellent strength and stiffness properties
Process Method :	Injection moulding
Uses :	Recommended for general purposes and applications
Revision Date :	01.01.2023

	Value	Unit	Standard
Physical			
Density	1,37	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	175	MPa	ISO 527-1
Elongation at Break	2,5	%	ISO 527-1
Tensile Modulus	12000	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	13	kj/m2	ISO 180/1A
Charpy Impact Strength (Notched)	13	kj/m2	ISO 179/1A
Thermal			
HDT (0.45 Mpa)	255	°C	ISO 75B
HDT (1.8 Mpa)	250	°C	ISO 75A
Vicat Softening Point (120°C/10N)	250	°C	ISO 306
Flammability			
Flammability (1,6 mm)	HB	*	UL 94

Drying Condition	
Drying Time(hr)	2-4
Drying Temperature(°C)	90
Molding Condition (°C)	
1st Zone (hopper)(°C)	265-275

Data Sheet

Hylon N1030H2L BK397

Polyamide 66 Prime Compound

2nd Zone(°C)	275-285
3rd Zone(°C)	285-295
Nozzle(°C)	285-295
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.