HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

Hylon N2060HFH2L2 BK310

Polyamide 6 Prime Compound

Product Description : 60% Glass Fibre Reinforced, High Flow, Black Colour, Polyamide 6 Compound

Key Features : HYLON N2060HFH2L2 BK310 is heat stabilized and lubricated PA6 compound with good strength and stiffness properties

Process Method : Injection moulding

Uses : Recommended for general applications&purposes

Revision Date : 01.01.2023

	Value	Unit	Standard
Physical			
Density	1.70	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	220	MPa	ISO 527-1
Elongation at Break	1,5	%	ISO 527-1
Tensile Modulus	20000	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	16	kj/m2	ISO 180/1A
Charpy Impact Strength (Notched)	17	kj/m2	ISO 179/1A
Flexural Modulus	16200	Mpa	ISO 178
Flexural Strength	240	Mpa	ISO 178
Izod Impact Strength (Unnotched)	55	kj/m2	ISO 180/1A
Charpy Impact Strength (Unnotched)	60	kj/m2	ISO 179/1U
Thermal			
HDT (0.45 Mpa)	220	°C	ISO 75B
HDT (1.8 Mpa)	207	°C	ISO 75A
Flammability			
Flammability (1,6 mm)	HB	*	UL 94
Flammability (3,2 mm)	HB	*	UL 94

Drying Condition

Data Sheet

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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)	250-265
Nozzle(°C)	250-265
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.