



Hylon N2020TH2L3 BK310

Polyamide 6 Prime Compound

Product Description : 20% Glass Fiber Reinforced, Impact Modified, Black Colour, Polyamide 6 Compound

Key Features : HYLON N2020TH2L3 BK310 is heat stabilized and lubricated PA6 compound with excellent toughness and stiffness balance properties

Process Method : Injection moulding

Uses : Recommended for general applications, especially for automotive&appliance application

Revision Date : 01.01.2023

	Value	Unit	Standard
Physical			
Density	1,21	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	105	MPa	ISO 527-1
Elongation at Break	3,5	%	ISO 527-1
Tensile Modulus	5500	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	18	kJ/m2	ISO 180/1A
Charpy Impact Strength (Notched)	19	kJ/m2	ISO 179/1A
Izod Impact Strength (Unnotched)	55	kJ/m2	ISO 180/1A
Charpy Impact Strength (Unnotched)	57	kJ/m2	ISO 179/1U
Flammability			
Flammability (1,6 mm)	HB	*	UL 94
Flammability (3,2 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		



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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 : BM451GR3J1900
RAVAMID R200 T51 GF20 BLACK
