



Hylon N1025STH4L2 BK397

Polyamide 66 Prime Compound

Product Description : 25% Glass Fiber Reinforced, Impact Modified, Black Color, Polyamide 66 Compound

Key Features : HYLON N1025STH4L2 BK397 is heat stabilized and lubricated PA66 compound with good toughness and stiffness properties

Process Method : Extrusion Process

Uses : Recommended for automotive applications

Revision Date : 01.09.2022

	Value	Unit	Standard
Physical			
Density	1,27	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	120	MPa	ISO 527-1
Elongation at Break	3.7	%	ISO 527-1
Tensile Modulus	8000	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	22 (PB)	kJ/m2	ISO 180/1A
Charpy Impact Strength (Notched)	19	kJ/m2	ISO 179/1A
Flexural Modulus	6700	Mpa	ISO 178
Flexural Strength	190	Mpa	ISO 178
Thermal			
HDT (1.8 Mpa)	225	°C	ISO 75A
Ash Content (600 °C)	25	%	ISO 3451-1
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)	80-90		



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Molding Condition

Barrel Rear	275-285
Barrel Center	280-290
Barrel Front	285-295
Nozzle	295-300
Mould Temperature	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.