



## Hylon N1025TH2L2FRC0

### Polyamide 66 Prime Compound

<b>Product Description :</b>	25% Glass Fiber Reinforced, Impact Modified, Halogen Free - Red Phosphorus Flame Retardant, Polyamide 66 Compound
<b>Key Features :</b>	HYLON N1025TH2L2FRC0 is UL94 V0 and heat stabilized PA66 compound with good mechanical and impact properties
<b>Process Method :</b>	Injection molding
<b>Uses :</b>	Recommended for electrical applications
<b>Revision Date :</b>	01.01.2023

	Value	Unit	Standard
<b>Physical</b>			
Density	1,36	gr / cm3	ISO 1183 1-A
Water and Moisture Absorption	0,9	%	ISO 787/2
<b>Mechanical</b>			
Tensile Stress at Break	135	MPa	ISO 527-1
Elongation at Break	2,5	%	ISO 527-1
Tensile Modulus	8500	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	8	kJ/m2	ISO 180/1A
Charpy Impact Strength (Notched)	8	kJ/m2	ISO 179/1A
Flexural Modulus	6500	Mpa	ISO 178
<b>Flammability</b>			
Flammability (1,6 mm)	V0	*	UL 94
Glow Wire Flammability Index GWFI (3 mm)	960	°C	IEC 60695-2-12
Glow Wire Flammability Index GWFI (1 mm)	960	°C	IEC 60695-2-12
Flammability ( 3,2 mm )	V0	*	UL 94
Flammability (0,8 mm)	V0	*	UL 94
Glow Wire Flammability Index GWFI (2 mm)	960	°C	IEC 60695-2-12
Flammability (1,6 mm)	5VA	5VA/5VB	UL94-5VA-5VB



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Flammability (3,2 mm)	5VA	5VA/5VB	UL94-5VA-5VB
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#### Electrical

CTI	600	V	IEC 60112
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#### Drying Condition

Drying Time(hr)	2-4
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Drying Temperature(°C)	90
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#### Molding Condition (°C)

1st Zone (hopper)(°C)	260-270
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2nd Zone(°C)	270-280
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3rd Zone(°C)	280-290
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Nozzle(°C)	280-290
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Mold Temperature(°C)	80
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#### Important Notice;

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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.