+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

Hylon N1025TH2L2FRC0

Polyamide 66 Prime Compound

Product Description : 25% Glass Fiber Reinforced, Impact Modified, Halogen Free - Red Phosphorus Flame Retardant, Polyamide 66 Compound

Key Features : HYLON N1025TH2L2FRC0 is UL94 V0 and heat stabilized PA66 compound with good mechanical and impact properties

Process Method : Injection molding

Uses : Recommended for electrical applications

Revision Date : 01.01.2023

	Value	Unit	Standard
Physical			
Density	1,36	gr / cm3	ISO 1183 1-A
Water and Moisture Absorption	0,9	%	ISO 787/2
Mechanical			
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
Flammability			
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

Data Sheet

+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

Hylon N1025TH2L2FRC0

Polyamide 66 Prime Compound

Flammability (3,2 mm)		5VA	5VA/5VB	UL94-5VA-5VB
Electrical				
CTI		600	V	IEC 60112

Drying Condition	
Drying Time(hr)	2-4
Drying Temperature(°C)	90
Molding Condition (°C)	
1st Zone (hopper)(°C)	260-270
2nd Zone(°C)	270-280
3rd Zone(°C)	280-290
Nozzle(°C)	280-290
Mold Temperature(°C)	80

Important Notice;