



HYLON N2000HFSTH2L2UV WT

Polyamide 6 Prime Compound

Product Description : Unfilled, High Flow, Impact Modified, RAL 9016 Color, Polyamide 6 Compound

Key Features : HYLON N2000HFSTH2L2UV WT is heat and UV stabilized, lubricated PA6 compound with good toughness and stiffness properties

Process Method : Injection Moulding

Uses : Recommended for general applications and purposes

Revision Date : 01.02.2024

	Value	Unit	Standard
Physical			
Density	1,11	gr / cm3	ISO 1183 1-A
Relative Viscosity	2,30-2,40	*	ISO 307
Mechanical			
Tensile Stress at Break	40	MPa	ISO 527-1
Yield Strength	55	MPa	ISO 527-1
Elongation at Yield	4,5	%	ISO 527-1
Elongation at Break	90	%	ISO 527-1
Tensile Modulus	2100	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	12	kJ/m2	ISO 180/1A
Charpy Impact Strength (Notched)	14	kJ/m2	ISO 179/1A
Flexural Modulus	2000	Mpa	ISO 178
Flexural Strength	75	Mpa	ISO 178
Izod Impact Strength (Unnotched)	NB	kJ/m2	ISO 180/1A
Thermal			
HDT (0.45 Mpa)	145	°C	ISO 75B
Vicat Softening Point (50°C/h & 50 N)	178	°C	ISO 306 Method B50
Vicat Softening Point (120°C/h & 10 N)	212	°C	ISO 306 Method A120
Flammability			
Flammability (1,6 mm)	HB	*	UL 94



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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) 220-225

2nd Zone(°C) 225-230

3rd Zone(°C) 230-235

Nozzle(°C) 230-235

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.