Hylon N2000TH2L NAT

Polyamide 6 Prime Compound

Data Sheet

Product Description :	Unfilled, Impact Modified, Polyamide 6 Compound
Key Features :	HYLON N2000TH2L NAT is heat stabilized and lubricated PA6 compound with good toughness and stiffness properties
Process Method :	Injection Moulding
Uses :	Recommended for general applications and purposes
Revision Date :	01.01.2025

	Value	Unit	Standard
Physical			
Density	1,10	gr / cm3	ISO 1183 1-A
Mechanical			
Tensile Stress at Break	40	MPa	ISO 527-1
Yield Strength	55	MPa	ISO 527-1
Elongation at Break	>50	%	ISO 527-1
Tensile Modulus	2200	MPa	ISO 527-1
Izod Impact Strength (Notched) (23°C)	43	kj/m2	ISO 180/1A
Charpy Impact Strength (Notched)	45	kj/m2	ISO 179/1A
Flexural Modulus	1900	Mpa	ISO 178
Izod Impact Strength (Unnotched)	NB	kj/m2	ISO 180/1A
Thermal			
HDT (1.8 Mpa)	70	°C	ISO 75A
Vicat Softening Point (50°C/h & 50 N)	190	°C	ISO 306 Method B50
Flammability			
Flammability (1,6 mm)	HB	*	UL 94
Flammability (3,2 mm)	HB	*	UL 94

Drying Condition

Drying Time(hr)	2-4

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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;