

N2 030 GF UV GY35 POLYAMIDE (PA-66)



PRODUCT DESCRIPTION

Nylon 66 30% Glass Filled Grey.

FEATURES

- Improved Mechanical & Chemical properties
- UV Resistant : 1000hrs
- Grey : RAL 7035

APPLICATIONS

- Automotive
- Home appliance

TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
PHYSICAL PROPERTIES			
Density	ISO 1183	g/cc	1.38
Shrinkage	ISO 294-4	-	
Across Flow-	-	%	0.6
Flow-	-	%	0.4
Melting Point (DSC)	ISO 11357/3	°C	263
Water Absorption(24 hr., 23°C)	ISO 62	%	1.2
MECHANICAL PROPERTIES			
Tensile Strength Break	ISO 527-2	MPa	185
Elongation Break	ISO 527-2	%	3
Flexural Strength,	ISO 178	MPa	245
Flexural Modulus	ISO 178	MPa	8800
Impact Strength (IZOD Notched)	ISO 180	KJ/m2	12
THERMAL PROPERTIES			
Heat Deflection Temperature – A (1.8 MPa)	ISO 75-2/A	°C	252
Vicat Softening Temperature	ISO 306 B/50	°C	201

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96, GIDC Alindra, Manjusar,
Tal. Savali, Vadodara 391775. India

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TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
FLAMMABILITY			
Flame Rating(1.5mm)	UL 94	-	HB
Glow Wire Testing(3mm)	IEC 60695-2-12	°C	750

INJECTION MOLDING CONDITIONS			
Mold Temperature		°C	80 to 100
Rear Temperature		°C	260 to 265
Middle Temperature		°C	265 to 270
Front Temperature		°C	270 to 280
Nozzle Temperature		°C	280 to 300

Drying Conditions

Material can be dried for 4 hours at 90 - 110°C or until moisture level <0.2%.

HANDLING AND STORAGE

Handling: Maintain good housekeeping. Spilled materials may create a slipping hazard. Remove dust from settling areas to prevent any secondary potential dust explosion or fire hazards. Electrostatic charge may build up during handling. Grounding of equipment is recommended.

Storage: Store in a dry place and away from direct sunlight or heat sources.

DISPOSAL CONSIDERATIONS

Disposal Method: It must be disposed of in accordance with Federal, State and local environmental control regulations.

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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