

N1 225 MF HFFR GY 35 POLYAMIDE (PA-6)



PRODUCT DESCRIPTION

- Nylon 6 25% Mineral Filled, Flame Retardant Grade

FEATURES

- Flame Retardant
- Halogen free
- Excellent Mechanical

APPLICATIONS

- Electrical & Electronic

TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
PHYSICAL PROPERTIES			
Density	D-792	g/cc	1.39
MECHANICAL PROPERTIES			
Tensile Strength Yield	D-638	MPa	66
Elongation Break	D-638	%	3.0
Flexural Strength	D-790	MPa	100
Charpy Notched Impact Strength	ISO 179/1eA	Kg cm/cm	4.0
THERMAL PROPERTIES			
Heat Deflection Temperature – 1.8MPa	D-648	°C	155
Heat Deflection Temperature – 0.45MPa	D-648	°C	205

Ravago Manufacturing India Pvt Ltd.

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Rev.No:01

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TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
FLAMMABILITY			
Flame Rating @1.5mm thickness	UL 94	-	V2
Glow Wire Flammability Index, 1.2mm (GWFI)	IEC 60695-2-12	°C	960

INJECTION MOLDING CONDITIONS			
Mold Temperature		°C	80 to 100
Rear Temperature		°C	220 to 230
Middle Temperature		°C	230 to 240
Front Temperature		°C	240 to 250
Nozzle Temperature		°C	250 to 255

Drying Conditions

Material can be dried for 4 hours at 90 - 100°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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