

PRODUCT DESCRIPTION

PC/ABS Unfilled FR V0 NTR.

FEATURES

- Flame retardant
- Excellent Surface Finish
- Excellent Mechanical & Chemical properties
- ROHS compliance

APPLICATIONS

- Automotive
- Electrical & Electronic
- Home appliance

TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
PHYSICAL PROPERTIES			
Density	D-792	g/cc	1.14
Shrinkage	D-1299	%	0.3
Melt Flow Rate at 250°C/5.0 kg	D-1238	g/10min	8
MECHANICAL PROPERTIES			
Tensile Strength Yield	D-638	MPa	55
Elongation Break	D-638	%	30
Flexural Strength,	D-790	MPa	92
Flexural Modulus	D-790	MPa	2450
Impact Strength (IZOD Notched)	D-256	Kg cm/cm	60
THERMAL PROPERTIES			
Heat Deflection Temperature - Method B	D-648	°C	95
Vicat Softening Temperature @ 50N	D-1525	°C	100

Ravago Manufacturing India Private Limited.

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TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
FLAMMABILITY			
Flame Rating @1.6mm	UL 94	-	V0
Glow Wire Testing	IEC 60695-2-12		NA

INJECTION MOLDING CONDITIONS			
Mold Temperature		°C	60 to 70
Rear Temperature		°C	210 to 220
Middle Temperature		°C	220 to 230
Front Temperature		°C	230 to 240
Nozzle Temperature		°C	240 to 250

Drying Conditions

Material can be dried for 3-4 hours at 80 - 90°C.

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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