

# A1 000 UF GY 421 C

## PC- ABS



### PRODUCT DESCRIPTION

PC – ABS compound Grey

### FEATURES

- Excellent Impact Strength.
- Excellent Surface Finish
- Excellent Mechanical & Chemical properties
- Panton 421C

### APPLICATIONS

- Automotive
- Electrical & Electronic
- Home appliance

TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
<b>PHYSICAL PROPERTIES</b>			
Density	D-792	g/cc	1.11
Shrinkage	D-1299	%	0.3 - 0.5
<b>MECHANICAL PROPERTIES</b>			
Tensile Strength Yield	D-638	MPa	55
Elongation Break	D-638	%	40
Flexural Strength,	D-790	MPa	75
Notched Izod Impact Strength	D-256	Kg cm/cm	55
<b>THERMAL PROPERTIES</b>			
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
<b>FLAMMABILITY</b>			
Flame Rating	UL 94	-	HB
Glow Wire Testing	IEC 60695-2-12		NA

<b>INJECTION MOLDING CONDITIONS</b>			
Mold Temperature		°C	60 to 80
Rear Temperature		°C	230 to 240
Middle Temperature		°C	240 to 250
Front Temperature		°C	250 to 260
Nozzle Temperature		°C	245 to 255

### Drying Conditions

Material can be dried for 2-3 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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