

PRODUCT DESCRIPTION

PC Unfilled Smoke Black

FEATURES

- Excellent Impact Strength
- Medium Flow
- Excellent Mechanical Properties
- Color : Black

APPLICATIONS

- Electrical & Electronics
- Home Appliance

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
PHYSICAL			
Density	D-792	g/cc	1.19
Melt Flow Index (300°C/1.2kg)	D-1238	g/10min	14
Shrinkage	D-1299	%	0.5 - 0.9
MECHANICAL			
Tensile Strength Break	D-638	MPa	67
Elongation at Break	D-638	%	70
Tensile Modulus	D-638	MPa	2300
Flexural Strength	D-790	MPa	96
Flexural Modulus	D-790	MPa	2400
Impact Strength (IZOD Notched)	D-256	Kg.cm/cm	75
THERMAL			
Heat Deflection Temperature – 0.45 Mpa	D-648	°C	130
Heat Deflection Temperature – 1.82 Mpa	D-648	°C	118

Ravago Manufacturing India Private Limited.

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PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
FLAMMABILITY			
Flame Rating (3.2mm)	UL 94	-	NA
Glow Wire Testing(1.6mm)	IEC 60695-2-12	°C	750

INJECTION MOLDING CONDITIONS			
Mold Temperature		°C	80 to 100
Rear Temperature		°C	240 to 250
Middle Temperature		°C	250 to 260
Front Temperature		°C	260 to 270
Nozzle Temperature		°C	270 to 280

Drying Conditions

Material can be dried for 2-3 hours at 120°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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