

PP 030 GF BLK POLYPROPYLENE



PRODUCT DESCRIPTION

PP 30 % GLASS FILLED BLACK

FEATURES

- Excellent Impact Strength
- Excellent Surface Finish
- Excellent Mechanical

APPLICATIONS

- Furniture
- Automotive
- Home appliance

TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
PHYSICAL PROPERTIES			
Density	D-792	g/cc	1.14
Mold Shrinkage	D-955	%	0.2 to 0.6
Melt Flow Rate (230°C/2.16kg)	D-1238	Cc/10min	3
MECHANICAL PROPERTIES			
Tensile Strength Yield	D-638	MPa	80
Elongation Break	D-638	%	3
Flexural Strength,	D-790	MPa	125
Flexural Modulus	D-790	MPa	5600
Impact Strength (IZOD Notched)	D-256	Kg cm/cm	7
THERMAL PROPERTIES			
Heat Deflection Temperature - Method B	D-648	°C	140

Ravago Manufacturing India Pvt Ltd.

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TYPICAL PROPERTIES	TEST METHD	UNIT	TYPICAL VALUES
FLAMMABILITY			
Flame Rating	UL 94	-	HB

INJECTION MOLDING CONDITIONS			
Mold Temperature		°C	80 to 90
Rear Temperature		°C	190 to 210
Middle Temperature		°C	195 to 215
Front Temperature		°C	190 to 220
Nozzle Temperature		°C	190 to 220

Drying Conditions

It is not necessary to pre-dry this material but in the event of moisture accumulation or evidence of splay, the material can be dried for 2-3 hours at 90 - 100°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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