

PB 030 GF FR NTR POLYBUTYLENE TEREPHTHALATE



PRODUCT DESCRIPTION

PBT 30% Glass Filled FR Grade Natural.

FEATURES

- Excellent Stiffness.
- Glass Filled
- Flame retardant
- Excellent Mechanical & Physical properties

APPLICATIONS

- Domestic appliance
- Automotive

TYPICAL PROPERTIES	TEST ASTM	UNIT	Test Values
PHYSICAL PROPERTIES			
Density	D-792	g/cc	1.65 ± 0.02
Ash Content / Reinforcement	D-5630	%	30 ± 2
Melt Flow Index	D-1238	g/10min	NA
Shrinkage	D-1299	%	NA
MECHANICAL PROPERTIES			
Tensile Strength Yield	D-638	MPa	≥ 100
Elongation Break	D-638	%	≥ 3
Flexural Strength,	D-790	MPa	≥ 130
Impact Strength (IZOD Notched)	D-256	Kg cm/cm	≥ 5
THERMAL PROPERTIES			
Heat Deflection Temperature - Method B	D-648	°C	190-200

Ravago Manufacturing India Pvt Ltd.

96, GIDC Alindra, Manjusar,
Tal. Savali, Vadodara 391775. India

☎ +919909901581

Format No: F-QC-20

 www.ravagomi.com

Rev.No:01

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TYPICAL PROPERTIES	TEST ASTM	UNIT	Test Values
FLAMMABILITY			
Flame Rating	UL 94	-	V0
Glow Wire Testing	EIC 60695-2-12	-	NA

INJECTION MOLDING CONDITIONS			
Mold Temperature		°C	70 to 80
Melt Temperature Range		°C	240-260

Drying Conditions

Material can be dried for 2-3 hours at 85°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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