

PB 000 UF GY 35 POLYBUTYLENE TEREPHTHALATE (PBT)



PRODUCT DESCRIPTION

PBT Unfilled Grey

FEATURES

- Excellent Mechanical & Chemical properties
- ROHS compliance
- Color : Grey

APPLICATIONS

- Furniture
- Automotive
- Home appliances

| TYPICAL PROPERTIES | TEST METHOD | UNIT | TYPICAL VALUES |
|---|-------------|------|----------------|
| PHYSICAL PROPERTIES | | | |
| Density | D-792 | g/cc | 1.31 |
| MECHANICAL PROPERTIES | | | |
| Tensile Strength Yield | D-638 | MPa | 55 |
| Elongation Break | D-638 | % | 15 |
| Flexural Strength, | D-790 | MPa | 85 |
| Impact Strength (IZOD Notched) | D-256 | J/m | 60 |
| THERMAL PROPERTIES | | | |
| Heat Deflection Temperature – 1.8 MPa Method B | D-648 | °C | 65 |

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

PB 000 UF GY 35 POLYBUTYLENE TEREPHTHALATE (PBT)



| TYPICAL PROPERTIES | TEST METHOD | UNIT | TYPICAL VALUES |
|----------------------------|----------------|------|----------------|
| FLAMMABILITY | | | |
| Flame Rating, 3.2 mm | UL 94 | - | HB |
| Glow Wire Testing @ 960 °C | IEC 60695-2-12 | °C | NA |

| INJECTION MOLDING CONDITIONS | | | |
|-------------------------------------|--|----|------------|
| Mold Temperature | | °C | 80 to 100 |
| Melt Temperature | | °C | 245 to 255 |
| Middle Temperature | | °C | 250 to 260 |
| Feed Zone Temperature | | °C | 235 to 245 |
| Nozzle Temperature | | °C | 250 to 255 |

Drying Conditions

Material can be dried for 4 hours at 90 - 100°C or until moisture level <0.2%.

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.

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