

NEXT REGRIND PBT 420-400RG

Polybutylene Terephthalate

NEXT Specialty Resins, Inc.

Message:

NEXT REGRIND PBT 420-400RG is a Polybutylene Terephthalate (PBT) material filled with 30% glass fiber. It is available in North America.

Important attributes of NEXT REGRIND PBT 420-400RG are:

Eco-Friendly/Green

Heat Resistant

Typical applications include:

Appliances

Electrical/Electronic Applications

| General Information | | | |
|---|------------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,30% Filler by Weight | | |
| Recycled Content | Yes | | |
| Features | Good Electrical Properties | | |
| | Good Thermal Stability | | |
| Uses | Appliances | | |
| | Electrical/Electronic Applications | | |
| Appearance | Grey | | |
| | Natural Color | | |
| Forms | Regrind | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.50 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 117 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 110 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 2.0 | % | ASTM D638 |
| Flexural Modulus | 7580 | MPa | ASTM D790 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 204 | °C | ASTM D648 |

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