

NEXT REGRIND PET 530-300RG

Polyethylene Terephthalate

NEXT Specialty Resins, Inc.

Message:

NEXT REGRIND PET 530-300RG is a Polyethylene Terephthalate (PET) material filled with 30% glass fiber. It is available in North America.

Important attributes of NEXT REGRIND PET 530-300RG are:

Eco-Friendly/Green

Good Stiffness

Good Toughness

Typical application of NEXT REGRIND PET 530-300RG: Automotive

| General Information | | | |
|---|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,30% Filler by Weight | | |
| Recycled Content | Yes | | |
| Features | Good Stiffness | | |
| | Good Strength | | |
| | Good Toughness | | |
| Uses | Automotive Applications | | |
| Appearance | Black | | |
| Forms | Regrind | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.55 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 120 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 145 | 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) | 221 | °C | ASTM D648 |

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