

Technical Data Sheet

Lucent Pbt PBT-310

Polybutylene Terephthalate
 LyondellBasell Industries
 Engineering Plastics

Product Description

Polybutylene Terephthalate

Add "R" for Added Release
 Add "U" for UV Stabilizer

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--|-------------------------|------------------------|-------------|
| Density / Specific Gravity | 1.31 | 1.31 g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Strength (Yield) | 8500 psi | 58.6 MPa | ASTM D638 |
| Tensile Elongation (Break) | > 10 % | > 10 % | ASTM D638 |
| Flexural Modulus | 400000 psi | 2760 MPa | ASTM D790 |
| Flexural Strength | 12000 psi | 82.7 MPa | ASTM D790 |
| Impact | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Notched Izod Impact 73°F (23°C), 0.125 In (3.18 Mm) | 1.0 ft·lb/in | 53 J/m | ASTM D256 |
| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed | 150 °F | 65.6 °C | ASTM D648 |

Notes

These are typical property values not to be construed as specification limits.