

Technical Data Sheet

Ecollent GPB

Polybutylene Terephthalate
 LyondellBasell Industries
 Engineering Plastics

Product Description

30% Glass Fiber Reinforced, Polybutylene Terephthalate

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

General

- Filler / Reinforcement • Glass Fiber, 30% Filler by Weight
- Recycled Content • Yes

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.50	1.50 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	17000 psi	117 MPa	ASTM D638
Tensile Elongation (Break)	3.0 %	3.0 %	ASTM D638
Flexural Modulus	900000 psi	6210 MPa	ASTM D790
Flexural Strength	23000 psi	159 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°F (23°C), 0.125 In (3.18 Mm)	1.3 ft·lb/in	69 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	305 °F	152 °C	

Notes

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