



Technical Data Sheet

Lucent Pbt GPB-115

Polybutylene Terephthalate
 LyondellBasell Industries
 Engineering Plastics

Product Description

15% Glass Fiber Reinforced, Polybutylene Terephthalate

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

General

Filler / Reinforcement • Glass Fiber, 15% Filler by Weight

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.43	1.43 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	15200 psi	105 MPa	ASTM D638
Tensile Elongation (Break)	3.0 %	3.0 %	ASTM D638
Flexural Modulus	748000 psi	5160 MPa	ASTM D790
Flexural Strength	19000 psi	131 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)	0.80 ft·lb/in	43 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	315 °F	157 °C	

Notes

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