

Technical Data Sheet

Lucent Pbt TPB-125

Polybutylene Terephthalate
 LyondellBasell Industries
 Engineering Plastics

Product Description

25% Mineral Reinforced, Polybutylene Terephthalate

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

General

Filler / Reinforcement • Mineral, 25% Filler by Weight

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)	8400 psi	57.9 MPa	ASTM D638
Tensile Elongation (Break)	5.0 %	5.0 %	ASTM D638
Flexural Modulus	600000 psi	4140 MPa	ASTM D790
Flexural Strength	16000 psi	110 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	280 °F	138 °C	

Notes

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