

Technical Data Sheet

# Lucent Pbt PBT-FR310

Polybutylene Terephthalate  
LyondellBasell Industries  
Engineering Plastics

## Product Description

Flame Resistant Polybutylene Terephthalate

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

## General

Additive • Flame Retardant  
Features • Flame Retardant

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.37	1.37 g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8500 psi	58.6 MPa	ASTM D638
Tensile Elongation (Break)	8.0 %	8.0 %	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)	0.60 ft·lb/in	32 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	160 °F	71.1 °C	ASTM D648
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.13 In (3.2 Mm))	V-0	V-0	UL 94

## Notes

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