

**Lucent PBT PBT-FR310**

PBT

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.016</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>58.6</b>	MPa	ASTM D 638
Elongation at Break	<b>8</b>	%	ASTM D 638
Flexural Modulus	<b>2758</b>	MPa	ASTM D 790
Flexural Strength	<b>82.7</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>32</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>3.18</b>	mm	-
DTUL @ 264 psi	<b>71.1</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1370</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Flame retardant

**Regional Availability**

North America