

**POLYPUR® PBX 1550**

TPU

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>0.4</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.6</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Elongation at Yield	<b>4</b>	%	ASTM D 638
Elongation at Break	<b>100</b>	%	ASTM D 638
Flexural Modulus	<b>2300</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R115</b>	-	ASTM D 785
Shore D Hardness	<b>75</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>16.3</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>85</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>75</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1150</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America