

**Lucent PC PC-1406FD**

PC

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>6</b>	g/10min	ASTM D 1238
Mold Shrinkage, MD	<b>0.006</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>62.1</b>	MPa	ASTM D 638
Elongation at Break	<b>132</b>	%	ASTM D 638
Flexural Modulus	<b>2275</b>	MPa	ASTM D 790
Flexural Strength	<b>98.6</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>747</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 @ 264 psi	<b>132</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1210</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Other Extrusion, Blow Molding

**Regional Availability**

North America

**Certifications**

Food contact, Food approval FDA 21 CFR