

**Lucent PC PC/PBT-1420IM**

(PC+PBT)

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>20</b>	g/10min	ASTM D 1238
Temperature	<b>260</b>	°C	-
Load	<b>5</b>	kg	-
Mold Shrinkage, MD	<b>0.011</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>49</b>	MPa	ASTM D 638
Elongation at Break	<b>168</b>	%	ASTM D 638
Flexural Modulus	<b>1710</b>	MPa	ASTM D 790
Flexural Strength	<b>68.9</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>747</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>534</b>	J/m	ASTM D 256
Temperature	<b>-30</b>	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>97.8</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1170</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America

**Special Characteristics**

High impact or impact modified