



Technical Data Sheet

# Lucent Pc PC/PBT-1420IM

Polycarbonate + PBT  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

Polycarbonate + PBT, Injection Grade, Superior Cold Temperature Impact

Colors Available  
 Add "R" for Added Release  
 Add "U" for UV Stabilized

**General**

- |                   |                                     |
|-------------------|-------------------------------------|
| Features          | • Low Temperature Impact Resistance |
| Appearance        | • Colors Available                  |
| Processing Method | • Injection Molding                 |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.17	1.17 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	20 g/10 min	20 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	7100 psi	49.0 MPa	ASTM D638
Tensile Elongation (Break)	> 170 %	> 170 %	ASTM D638
Flexural Modulus	248000 psi	1710 MPa	ASTM D790
Flexural Strength	10000 psi	68.9 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
-22°F (-30°C), 0.125 In (3.18 Mm)	10 ft·lb/in	530 J/m	
73°F (23°C), 0.125 In (3.18 Mm)	14 ft·lb/in	750 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	208 °F	97.8 °C	

**Notes**

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