



Technical Data Sheet

# Lucent Pc PC-1428

Polycarbonate  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

Injection Grade Polycarbonate

High Flow - Clear and Colors Available  
 Add "R" for Added Release  
 Add "U" for UV Stabilizer

**General**

Features	• High Flow
Appearance	• Clear/Transparent • Colors Available
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.21	1.21 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	28 g/10 min	28 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	9000 psi	62.1 MPa	ASTM D638
Tensile Elongation (Break)	> 130 %	> 130 %	ASTM D638
Flexural Modulus	330000 psi	2280 MPa	ASTM D790
Flexural Strength	14300 psi	98.6 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.125 In (3.18 Mm)	12 ft-lb/in	640 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	270 °F	132 °C	ASTM D648

**Notes**

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