

Technical Data Sheet

# Lucent Pc PC-1410FD

Polycarbonate  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

Injection/Extrusion Grade Polycarbonate

Medium Flow - Clear and Colors Available  
 Add "R" for Added Release  
 FDA Compliant

**General**

Features	• Medium Flow
Agency Ratings	• FDA
Appearance	• Clear/Transparent • Colors Available
Processing Method	• Extrusion • 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)	10 g/10 min	10 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			ASTM D256
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	270 °F	132 °C	

**Notes**

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