

# 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.

