

## Technical Data Sheet

# Lucent Pc PC/ABS-FR0

Polycarbonate + ABS  
LyondellBasell Industries  
Engineering Plastics

### Product Description

Polycarbonate + ABS, Flame Resistant (94V0 - 0.0625")

Color Available  
Add "R" for Added Release  
Add "U" for UV Stabilized  
Add "EF" for Easy Flow (35.0 g/10min)  
UL Listing: File No. E51193, All Colors

### General

|                |                    |
|----------------|--------------------|
| Additive       | • Flame Retardant  |
| Features       | • Flame Retardant  |
| UL File Number | • E51193           |
| Appearance     | • Colors Available |

| Physical                                 | Nominal Value (English) | Nominal Value (SI)     | Test Method |
|------------------------------------------|-------------------------|------------------------|-------------|
| Density / Specific Gravity               | 1.15                    | 1.15 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg) | 12 g/10 min             | 12 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)               | > 40 %                  | > 40 %                 | ASTM D638   |
| Flexural Modulus                         | 375000 psi              | 2590 MPa               | ASTM D790   |
| Flexural Strength                        | 14800 psi               | 102 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)          | 10 ft·lb/in             | 530 J/m                |             |
| Thermal                                  | Nominal Value (English) | Nominal Value (SI)     | Test Method |
| Deflection Temperature Under Load        |                         |                        | ASTM D648   |
| 264 Psi (1.8 Mpa), Unannealed            | 215 °F                  | 102 °C                 |             |

### Notes

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