

## Technical Data Sheet

# Lucent Pc PC/ABS-1211P

Polycarbonate + ABS  
LyondellBasell Industries  
Engineering Plastics

### Product Description

Polycarbonate +ABS, Impact Modified Injection Grade - Platable

Colors Available

Add "R" for Added Release

Add "U" for UV Stabilized

### General

|                   |                              |
|-------------------|------------------------------|
| Additive          | • Impact Modifier            |
| Features          | • Impact Modified • Platable |
| Appearance        | • Colors Available           |
| Processing Method | • Injection Molding          |

| Physical                                 | Nominal Value (English) | Nominal Value (SI)     | Test Method |
|------------------------------------------|-------------------------|------------------------|-------------|
| Density / Specific Gravity               | 1.10                    | 1.10 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg) | 11 g/10 min             | 11 g/10 min            | ASTM D1238  |
| Mechanical                               | Nominal Value (English) | Nominal Value (SI)     | Test Method |
| Tensile Strength (Yield)                 | 7400 psi                | 51.0 MPa               | ASTM D638   |
| Tensile Elongation (Break)               | > 140 %                 | > 140 %                | ASTM D638   |
| Flexural Modulus                         | 300000 psi              | 2070 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)        | 6.0 ft·lb/in            | 320 J/m                |             |
| 73°F (23°C), 0.125 In (3.18 Mm)          | 12 ft·lb/in             | 640 J/m                |             |
| Thermal                                  | Nominal Value (English) | Nominal Value (SI)     | Test Method |
| Deflection Temperature Under Load        |                         |                        | ASTM D648   |
| 264 Psi (1.8 Mpa), Unannealed            | 210 °F                  | 98.9 °C                |             |

### Notes

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