

**Ecollent PC**

Polycarbonate  
LyondellBasell Industries  
Engineering Plastics

**Product Description**

Injection Grade Polycarbonate

Recycled Content  
Colors Available  
Add "R" for Added Release  
Add "U" for UV Stabilized

**General**

|                   |                     |
|-------------------|---------------------|
| Recycled Content  | • Yes               |
| Appearance        | • 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   |
| 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                 | 13100 psi               | 90.3 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)   | 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     | 270 °F                  | 132 °C                 |             |

**Notes**

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

