

# Lucent PC PC/PBT-1550

Polycarbonate + PBT

Lucent Polymers, Inc.

## Message:

Polycarbonate + PBT, Improved Impact Resistance, Injection Grade

Colors Available

Add "R" for Added Release

Add "U" for UV Stabilized

| General Information                                     |                        |                   |             |
|---------------------------------------------------------|------------------------|-------------------|-------------|
| Features                                                | Good Impact Resistance |                   |             |
| Appearance                                              | Colors Available       |                   |             |
| Processing Method                                       | Injection Molding      |                   |             |
| Physical                                                | Nominal Value          | Unit              | Test Method |
| Specific Gravity                                        | 1.24                   | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)                | 50                     | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow (3.18 mm)                      | 1.4                    | %                 |             |
| Mechanical                                              | Nominal Value          | Unit              | Test Method |
| Tensile Strength (Yield)                                | 46.9                   | MPa               | ASTM D638   |
| Tensile Elongation (Break)                              | > 130                  | %                 | ASTM D638   |
| Flexural Modulus                                        | 2000                   | MPa               | ASTM D790   |
| Flexural Strength                                       | 75.8                   | MPa               | ASTM D790   |
| Impact                                                  | Nominal Value          | Unit              | Test Method |
| Notched Izod Impact                                     |                        |                   | ASTM D256   |
| -30°C, 3.18 mm                                          | 430                    | J/m               |             |
| 23°C, 3.18 mm                                           | 800                    | J/m               |             |
| Thermal                                                 | Nominal Value          | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 86.7                   | °C                | ASTM D648   |

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## Recommended distributors for this material

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