

Technical Data Sheet
Lucent PP CPP-240

Polypropylene
 Engineering Plastics



Product Description

40% Calcium Carbonate Filled, Impact Modified Polypropylene

- Melt Flow Adjustable for Application
- Colors Available
- Add "U" for UV Stabilized
- Add "H" for Heat Stabilized

General

| | |
|------------------------|---|
| Filler / Reinforcement | • Calcium Carbonate, 40% Filler by Weight |
| Additive | • Impact Modifier |
| Features | • Impact Modified |
| Appearance | • Colors Available |

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|---|-------------------------|------------------------|-------------|
| Density / Specific Gravity | 1.24 | 1.24 g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow (0.125 in (3.18 mm)) | 0.012 in/in | 1.2 % | |

| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|----------------------------|-------------------------|--------------------|-------------|
| Tensile Strength (Yield) | 2900 psi | 20.0 MPa | ASTM D638 |
| Tensile Elongation (Break) | > 10 % | > 10 % | ASTM D638 |
| Flexural Modulus | 350000 psi | 2410 MPa | ASTM D790 |
| Flexural Strength | 5600 psi | 38.6 MPa | ASTM D790 |

| Impact | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--|-------------------------|--------------------|-------------|
| Notched Izod Impact (0.125 in (3.18 mm)) | 1.8 ft·lb/in | 96 J/m | ASTM D256 |

| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--|-------------------------|--------------------|-------------|
| Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed | 150 °F | 65.6 °C | ASTM D648 |

Notes

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