

Technical Data Sheet  
**Lucent PP CPP-210**  
Polypropylene  
Engineering Plastics



**Product Description**

10% 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, 10% Filler by Weight |
| Additive               | • Impact Modifier                         |
| Features               | • Impact Modified                         |
| Appearance             | • Colors Available                        |

| Physical                                      | Nominal Value (English) | Nominal Value (SI)      | Test Method |
|-----------------------------------------------|-------------------------|-------------------------|-------------|
| Density / Specific Gravity                    | 0.980                   | 0.978 g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow (0.125 in (3.18 mm)) | 0.014 in/in             | 1.4 %                   |             |

| Mechanical                 | Nominal Value (English) | Nominal Value (SI) | Test Method |
|----------------------------|-------------------------|--------------------|-------------|
| Tensile Strength (Yield)   | 3900 psi                | 26.9 MPa           | ASTM D638   |
| Tensile Elongation (Break) | > 10 %                  | > 10 %             | ASTM D638   |
| Flexural Modulus           | 190000 psi              | 1310 MPa           | ASTM D790   |
| Flexural Strength          | 6300 psi                | 43.4 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<br>264 psi (1.8 MPa), Unannealed | 135 °F                  | 57.2 °C            | ASTM D648   |

**Notes**

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