

Technical Data Sheet  
**Lucent PP TPP-340**  
Polypropylene  
Engineering Plastics



**Product Description**

40% Talc Filled, Impact Modified Polypropylene

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

**General**

|                        |                              |
|------------------------|------------------------------|
| Material Status        | • Commercial: Active         |
| Availability           | • North America              |
| Filler / Reinforcement | • Talc, 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/cm³         | ASTM D792   |
| Molding Shrinkage - Flow (0.125 in (3.18 mm))                      | 0.010 in/in             | 1.0 %              |             |
| Mechanical                                                         | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Strength (Yield)                                           | 3500 psi                | 24.1 MPa           | ASTM D638   |
| Tensile Elongation (Break)                                         | > 10 %                  | > 10 %             | ASTM D638   |
| Flexural Modulus                                                   | 420000 psi              | 2900 MPa           | ASTM D790   |
| Flexural Strength                                                  | 6800 psi                | 46.9 MPa           | ASTM D790   |
| Impact                                                             | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Notched Izod Impact (0.125 in (3.18 mm))                           | 2.5 ft·lb/in            | 130 J/m            | ASTM D256   |
| Thermal                                                            | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Deflection Temperature Under Load<br>264 psi (1.8 MPa), Unannealed | 170 °F                  | 76.7 °C            | ASTM D648   |

**Notes**

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

