

**Technical Data Sheet**  
**Lucent PP TPP-110**  
 Polypropylene Homopolymer  
 Engineering Plastics



**Product Description**

10% Talc Filled, Homopolymer Polypropylene

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

**General**

- |                        |                              |
|------------------------|------------------------------|
| Filler / Reinforcement | • Talc, 10% Filler by Weight |
| Features               | • Homopolymer                |
| 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)	5000 psi	34.5 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	250000 psi	1720 MPa	ASTM D790
Flexural Strength	7100 psi	49.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	0.50 ft·lb/in	27 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	140 °F	60.0 °C	ASTM D648

**Notes**

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