

**Technical Data Sheet**  
**Lucent PP TPP-140**  
 Polypropylene Homopolymer  
 Engineering Plastics



**Product Description**

40% Talc Filled, Homopolymer Polypropylene

- Melt Flow Adjustable for Application
- Colors Available
- Add "U" for UV Stabilized
- Add "H" for Heat Stabilized
- Meets TSM-5601G-3A

**General**

Filler / Reinforcement	• Talc, 40% Filler by Weight
Features	• Homopolymer
Automotive Specifications	• TOYOTA TSM 5601G-3A
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.24	1.24 g/cm <sup>3</sup>	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)	4500 psi	31.0 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	520000 psi	3590 MPa	ASTM D790
Flexural Strength	7800 psi	53.8 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	180 °F	82.2 °C	ASTM D648

**Notes**

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