

**Technical Data Sheet**  
**Lucent PP TPP-120QU**  
 Polypropylene  
 Engineering Plastics



**Product Description**

20% Talc Filled, Impact Modified Polypropylene

Colors Available  
 Add "H" for Heat Stabilized  
 Meets TSM-5608G-2L

**General**

Filler / Reinforcement	• Talc, 20% Filler by Weight
Additive	• Impact Modifier
Features	• Impact Modified
Automotive Specifications	• TOYOTA TSM 5608G-2L
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25 g/10 min	25 g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in (3.18 mm))	0.015 in/in	1.5 %	

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	4060 psi	28.0 MPa	ASTM D638
Tensile Elongation (Break)	> 50 %	> 50 %	ASTM D638
Flexural Modulus	348000 psi	2400 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	1.1 ft·lb/in	59 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	160 °F	71.1 °C	ASTM D648

**Notes**

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