

Technical Data Sheet
Lucent PP TPP-210
 Polypropylene
 Engineering Plastics



Product Description

10% Talc Filled, Impact Modified 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
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 ³	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)	4500 psi	31.0 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	200000 psi	1380 MPa	ASTM D790
Flexural Strength	6500 psi	44.8 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	1.5 ft·lb/in	80 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 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.