

Technical Data Sheet
Lucent PP TPP-310
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

Material Status	• Commercial: Active
Availability	• North America
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/cm³	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)	4000 psi	27.6 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	150000 psi	1030 MPa	ASTM D790
Flexural Strength	6000 psi	41.4 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 264 psi (1.8 MPa), Unannealed	130 °F	54.4 °C	ASTM D648

Notes

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

