

Technical Data Sheet
Lucent PP CPP-140
Polypropylene Homopolymer
Engineering Plastics



Product Description

40% Calcium Carbonate Filled, Homopolymer Polypropylene

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

General

Filler / Reinforcement	• Calcium Carbonate, 40% Filler by Weight
Features	• Homopolymer
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.24	1.24 g/cm³	ASTM D792
Molding Shrinkage - Flow (0.125 in (3.18 mm))	0.012 in/in	1.2 %	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3400 psi	23.4 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	400000 psi	2760 MPa	ASTM D790
Flexural Strength	6100 psi	42.1 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	0.80 ft-lb/in	43 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi (1.8 MPa), Unannealed	155 °F	68.3 °C	

Notes

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

