

Technical Data Sheet
Lucent PP CPP-320
Polypropylene
Engineering Plastics



Product Description

20% Calcium Carbonate Filled, Impact Modified Polypropylene

Melt Flow Adjustable for Application

Colors Available

Add "U" for UV Stabilized

Add "H" for Heat Stabilized

General

Filler / Reinforcement	• Calcium Carbonate, 20% Filler by Weight
Additive	• Impact Modifier
Features	• Impact Modified
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.05	1.05 g/cm ³	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)	3000 psi	20.7 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	180000 psi	1240 MPa	ASTM D790
Flexural Strength	5500 psi	37.9 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	2.8 ft·lb/in	150 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.