

Technical Data Sheet

Lucent Pp CPP-0220

Polypropylene
 LyondellBasell Industries
 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
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.05	1.05 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3500 psi	24.1 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	230000 psi	1590 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))	1.8 ft·lb/in	96 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	140 °F	60.0 °C	ASTM D648

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Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	176 °F	80 °C
Drying Time	2.0 to 3.0 hr	2.0 to 3.0 hr
Processing (Melt) Temp	428 to 500 °F	220 to 260 °C
Mold Temperature	86 to 140 °F	30 to 60 °C

Notes

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