

Technical Data Sheet

# Lucent Pp GPP-0110

Polypropylene Homopolymer  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

10% Glass Fiber Reinforced, Chemically Coupled, Homopolymer Polypropylene

Melt Flow Adjustable for Application

Colors Available

Add "U" for UV Stabilized

Add "H" for Heat Stabilized

**General**

Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Features	• Chemically Coupled • Homopolymer
Appearance	• Colors Available
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.980	0.978 g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	6700 psi	46.2 MPa	ASTM D638
Tensile Elongation (Break)	7.0 %	7.0 %	ASTM D638
Flexural Modulus	325000 psi	2240 MPa	ASTM D790
Flexural Strength	9300 psi	64.1 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 264 Psi (1.8 Mpa), Unannealed	235 °F	113 °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.