

Technical Data Sheet

# Lucent Pp GPP-0320

Polypropylene  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

20% Glass Fiber Reinforced, Chemically Coupled, Impact Modified Polypropylene

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

**General**

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Additive	• Impact Modifier
Features	• Chemically Coupled      • Impact Modified
Appearance	• Colors Available
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm <sup>3</sup>	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	7700 psi	53.1 MPa	ASTM D638
Tensile Elongation (Break)	5.0 %	5.0 %	ASTM D638
Flexural Modulus	375000 psi	2590 MPa	ASTM D790
Flexural Strength	10000 psi	68.9 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	3.0 ft·lb/in	160 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	255 °F	124 °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.