

Technical Data Sheet

Lucent Pp GPP-0130

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

Product Description

30% 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, 30% Filler by Weight
Features	• Chemically Coupled • Homopolymer
Automotive Specifications	• TOYOTA TSM 5601G-1
Appearance	• Colors Available
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.14	1.14 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	11000 psi	75.8 MPa	ASTM D638
Tensile Elongation (Break)	4.0 %	4.0 %	ASTM D638
Flexural Modulus	675000 psi	4650 MPa	ASTM D790
Flexural Strength	15700 psi	108 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	1.2 ft-lb/in	64 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	285 °F	141 °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.