

Technical Data Sheet
Lucent PP GPP-140
 Polypropylene Homopolymer
 Engineering Plastics



Product Description

40% 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

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|------------------------|---|
| Filler / Reinforcement | • Glass Fiber, 40% Filler by Weight |
| Features | • Chemically Coupled • Homopolymer |
| Appearance | • Colors Available |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.24	1.24 g/cm ³	ASTM D792
Molding Shrinkage - Flow (0.125 in (3.18 mm))	3.0E-3 in/in	0.30 %	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	13000 psi	89.6 MPa	ASTM D638
Tensile Elongation (Break)	3.0 %	3.0 %	ASTM D638
Flexural Modulus	950000 psi	6550 MPa	ASTM D790
Flexural Strength	18000 psi	124 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

Notes

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