

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

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/cm³	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.

