

Technical Data Sheet
Lucent PP GPP-310
Polypropylene
Engineering Plastics



Product Description

10% 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, 10% Filler by Weight
Additive	• Impact Modifier
Features	• Chemically Coupled • Impact Modified
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.980	0.978 g/cm³	ASTM D792
Molding Shrinkage - Flow (0.125 in (3.18 mm))	8.0E-3 in/in	0.80 %	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	5700 psi	39.3 MPa	ASTM D638
Tensile Elongation (Break)	7.0 %	7.0 %	ASTM D638
Flexural Modulus	225000 psi	1550 MPa	ASTM D790
Flexural Strength	8300 psi	57.2 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	2.8 ft·lb/in	150 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	225 °F	107 °C	ASTM D648

Notes

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