

Technical Data Sheet
Lucent TPO TPO-10G
Polyolefin
Engineering Plastics



Product Description

20% Glass Reinforced, Thermoplastic Polyolefin

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

General

- | | |
|------------------------|-------------------------------------|
| Filler / Reinforcement | • Glass Fiber, 20% Filler by Weight |
| 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)	3050 psi	21.0 MPa	ASTM D638
Tensile Elongation (Break)	> 50 %	> 50 %	ASTM D638
Flexural Modulus	145000 psi	1000 MPa	ASTM D790
Flexural Strength	4300 psi	29.6 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	4.0 ft·lb/in	210 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	107 °F	41.7 °C	ASTM D648

Notes

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

