

Technical Data Sheet

Lucent Tpo TPO-10T

Polyolefin
LyondellBasell Industries
Engineering Plastics

Product Description

10% Mineral Filled Thermoplastic Polyolefin

Melt Flow Adjustable for Application

Colors Available

Add "U" for UV Stabilized

Add "H" for Heat Stabilized

General

Filler / Reinforcement	• Mineral, 10% Filler by Weight
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.980	0.978 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3000 psi	20.7 MPa	ASTM D638
Tensile Elongation (Break)	> 100 %	> 100 %	ASTM D638
Flexural Modulus	112000 psi	772 MPa	ASTM D790
Flexural Strength	4200 psi	29.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	No Break	No Break	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	105 °F	40.6 °C	ASTM D648

Notes

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