

Technical Data Sheet

Lucent Tpo TPO-30T

Polyolefin
LyondellBasell Industries
Engineering Plastics

Product Description

30% 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, 30% Filler by Weight
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.14	1.14 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3200 psi	22.1 MPa	ASTM D638
Tensile Elongation (Break)	> 25 %	> 25 %	ASTM D638
Flexural Modulus	171000 psi	1180 MPa	ASTM D790
Flexural Strength	4600 psi	31.7 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	6.0 ft·lb/in	320 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	115 °F	46.1 °C	ASTM D648

Notes

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