

Technical Data Sheet

Lucent Tpo TPO-20T

Polyolefin
LyondellBasell Industries
Engineering Plastics

Product Description

20% 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, 20% Filler by Weight
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3100 psi	21.4 MPa	ASTM D638
Tensile Elongation (Break)	> 25 %	> 25 %	ASTM D638
Flexural Modulus	125000 psi	862 MPa	ASTM D790
Flexural Strength	4400 psi	30.3 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	110 °F	43.3 °C	ASTM D648

Notes

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