

Technical Data Sheet

Lucent Tpo TPO-50D

Polyolefin

LyondellBasell Industries

Engineering Plastics

Product Description

General Purpose Thermoplastic Polyolefin

Add "U" for UV Stabilized

Add "H" for Heat Stabilized

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.910	0.908 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0 g/10 min	7.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1900 psi	13.1 MPa	ASTM D638
Tensile Elongation (Break)	> 300 %	> 300 %	ASTM D638
Flexural Modulus	40000 psi	276 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	50	50	ASTM D2240

Notes

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