

Technical Data Sheet

Polytrope TPP 508U

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries
Engineering Plastics

Product Description

Polytrope TPP 508U is an Unfilled, UV Stabilized Polypropylene

General

Features	• General Purpose	• UV Stabilized
Appearance	• Colors Available	
Processing Method	• Injection Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.890	0.888 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	13 g/10 min	13 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	8050 psi	55.5 MPa	ASTM D638
Tensile Strength (Yield)	2350 psi	16.2 MPa	ASTM D638
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness ¹	95	95	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	196 °F	91.0 °C	ASTM D648

Notes

¹ Shore A (15 sec dwell)

Notes

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