

Technical Data Sheet

Primefin V500TL40HS

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

Product Description

40% Talc Filled, Heat Stabilized Homopolymer Polypropylene

Colors Available
 Meets ESA-M4D166-C

General

Filler / Reinforcement	• Talc, 40% Filler by Weight
Additive	• Heat Stabilizer
Features	• Heat Stabilized • Homopolymer
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.24	1.24 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	4500 psi	31.0 MPa	ASTM D638
Tensile Elongation (Break)	10 %	10 %	ASTM D638
Flexural Modulus	500000 psi	3450 MPa	ASTM D790
Flexural Strength	7800 psi	53.8 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	0.70 ft·lb/in	37 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	175 °F	79.4 °C	ASTM D648

Notes

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