

Technical Data Sheet

Primefin V500TL20

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

Product Description

20% Talc Reinforced, Homopolymer Polypropylene

Colors Available

Meets GMP.PP.008, ESA-M4D293-A

General

Filler / Reinforcement	• Talc, 20% Filler by Weight
Features	• Homopolymer
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.05	1.05 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	6.0 g/10 min	6.0 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	320000 psi	2210 MPa	ASTM D790
Flexural Strength	7400 psi	51.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	0.80 ft·lb/in	43 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	165 °F	73.9 °C	ASTM D648

Notes

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