

Technical Data Sheet

Primefin V500MI15

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

Product Description

15% Mica Reinforced, Chemically Coupled, Homopolymer Polypropylene

Colors Available
Meets GMP.PP.024

General

Filler / Reinforcement	• Mica, 15% Filler by Weight		
Features	• Chemically Coupled	• Homopolymer	
Appearance	• Colors Available		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.02	1.02 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	7.0 g/10 min	7.0 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	300000 psi	2070 MPa	ASTM D790
Flexural Strength	5200 psi	35.9 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	1.0 ft-lb/in	53 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.