

Primefin V500MI12

Polypropylene Homopolymer

LyondellBasell Industries

Engineering Plastics

Product Description

12% Mica Reinforced, Chemically Coupled, Homopolymer Polypropylene

Colors Available

Meets GMP.PP.031

General

Filler / Reinforcement	• Mica, 12% Filler by Weight	
Features	• Chemically Coupled	• Homopolymer
Appearance	• Colors Available	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.00	0.998 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.0 g/10 min	8.0 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	280000 psi	1930 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))	0.90 ft-lb/in	48 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	160 °F	71.1 °C	ASTM D648

Notes

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

