HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

Technical Data Sheet

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/cm³	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			ASTM D648
264 Psi (1.8 Mpa), Unannealed	160 °F	71.1 °C	

Notes

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