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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/cm³	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			ASTM D648
264 Psi (1.8 Mpa), Unannealed	165 °F	73.9 °C	

Notes

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