

Technical Data Sheet

Primefin V525MI12

Polypropylene
 LyondellBasell Industries
 Engineering Plastics

Product Description

12% Mica Reinforced, Chemically Coupled, Impact Modified Polypropylene

Colors Available
 Meets GMP.PP.028

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mica, 12% Filler by Weight
Additive	• Impact Modifier
Features	• Chemically Coupled • Impact Modified
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)	3500 psi	24.1 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	240000 psi	1650 MPa	ASTM D790
Flexural Strength	4500 psi	31.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	1.5 ft·lb/in	80 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	150 °F	65.6 °C	ASTM D648

Notes

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