

Primefin V525MI25UV

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

25% Mica Reinforced, Chemically Coupled, UV Stabilized, Impact Modified Polypropylene

Colors Available
Meets GMP.PP.026

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mica, 25% Filler by Weight
Additive	• Impact Modifier • UV Stabilizer
Features	• Chemically Coupled • Impact Modified
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.08	1.08 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)	3600 psi	24.8 MPa	ASTM D638
Tensile Elongation (Break)	10 %	10 %	ASTM D638
Flexural Modulus	290000 psi	2000 MPa	ASTM D790
Flexural Strength	7000 psi	48.3 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	175 °F	79.4 °C	ASTM D648

Notes

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

