

## Technical Data Sheet

# 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 <sup>3</sup> | 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<br>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.