

# Primefin V515TL40

Polypropylene

Lucent Polymers, Inc.

## Message:

40% Talc Filled, Impact Modified Polypropylene

Colors Available

Meets GMP.PP.030

| General Information                                     |                           |                   |             |
|---------------------------------------------------------|---------------------------|-------------------|-------------|
| Filler / Reinforcement                                  | Talc,40% Filler by Weight |                   |             |
| Additive                                                | Impact Modifier           |                   |             |
| Features                                                | Good Impact Resistance    |                   |             |
| Appearance                                              | Colors Available          |                   |             |
| Physical                                                | Nominal Value             | Unit              | Test Method |
| Specific Gravity                                        | 1.24                      | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)               | 5.0                       | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow (3.18 mm)                      | 0.70                      | %                 |             |
| Mechanical                                              | Nominal Value             | Unit              | Test Method |
| Tensile Strength (Yield)                                | 26.2                      | MPa               | ASTM D638   |
| Tensile Elongation (Break)                              | 10                        | %                 | ASTM D638   |
| Flexural Modulus                                        | 2410                      | MPa               | ASTM D790   |
| Flexural Strength                                       | 32.4                      | MPa               | ASTM D790   |
| Impact                                                  | Nominal Value             | Unit              | Test Method |
| Notched Izod Impact (3.18 mm)                           | 64                        | J/m               | ASTM D256   |
| Thermal                                                 | Nominal Value             | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 82.2                      | °C                | ASTM D648   |

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