



**TRIVALENCE**

# TriVOL 22C40 (U,R)

**Polypropylene**

General Information
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Product Description
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Copolymer PP, calcium carbonate reinforced. melt flow ranges (13-24)

**FEATURES**

- RoHS/REACH Compliant
- Copolymer
- 40% Calcium Carbonate Reinforced

**ADDITIONAL FORMULAS**

- Added Release "R"
- Added UV "U"

**COLOR**

-All

General
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|-----------------------------|--|
| <b>Typical Applications</b> | -Appliance, electrical, lawn & garden, automotive, packaging, industrial |
| <b>Processing Method</b>    | -Injection   |
| <b>Form(s)</b>              | -Pellets   |
| <b>Availability</b>         | -North America, Europe, Asia, Latin America                              |

ASTM / ISO Properties <sup>1</sup>		
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Physical	Nominal Value Unit	Test Method
Density	1.21 g/cm <sup>3</sup>	ASTM D792
Melt Flow Rate (230°C/2.16kg)	18 g/10min	ASTM D1238
Outdoor Suitability (QUV) ("U" grades)	Pass	TVT Internal

Mechanical	Nominal Value Unit	Test Method
Tensile Strength	3,800 psi	ASTM D638
Tensile Elongation	>8 %	ASTM D638
Flexural Modulus	265,000 psi	ASTM D790
Notched Izod Impact	1.2 ft-lbs/in	ASTM D256

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load (0.45 MPa)	240 °F	ASTM D648

Flammability	Nominal Value Unit	Test Method
0.06 in	HB	TVT Internal

Recommended Processing Guidance	Nominal Value Unit
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|-----------------------------|---------------|
| Drying Temperature          | 160 to 200 °F |
| Drying Time                 | 1 to 3 Hours  |
| Suggested Max Moisture      | 0.05 %        |
| Processing Melt Temperature | 410 to 480 °F |
| Mold Temperature            | 80 to 140 °F  |