



TRIVALENCE

TriVOL 22C10 (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
- 10% Calcium Carbonate Reinforced

ADDITIONAL FORMULAS

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

COLOR

-All

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

ASTM / ISO Properties ¹			
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Physical	Nominal Value	Unit	Test Method
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Density	0.97	g/cm ³	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
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Tensile Strength	2,600	psi	ASTM D638
Tensile Elongation	>12	%	ASTM D638
Flexural Modulus	145,000	psi	ASTM D790
Notched Izod Impact	2.2	ft-lbs/in	ASTM D256

Thermal	Nominal Value	Unit	Test Method
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Deflection Temperature Under Load (0.45 MPa)	200	°F	ASTM D648
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Flammability	Nominal Value	Unit	Test Method
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0.06 in	HB		TVT Internal
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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