



TRIVALENCE

TriVOL 22C30 (U,R)

Polypropylene

General Information

Product Description

Copolymer PP, calcium carbonate reinforced. melt flow ranges (13-24)

FEATURES

- RoHS/REACH Compliant
- Copolymer
- 30% Calcium Carbonate Reinforced

ADDITIONAL FORMULAS

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

COLOR

-All

General

- | | |
|-----------------------------|--|
| 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		
------------------------------------	--	--

Physical	Nominal Value	Unit	Test Method
Density	1.13	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
Tensile Strength	3,700	psi	ASTM D638
Tensile Elongation	8	%	ASTM D638
Flexural Modulus	250,000	psi	ASTM D790
Notched Izod Impact	1.6	ft-lbs/in	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa)	230	°F	ASTM D648

Flammability	Nominal Value	Unit	Test Method
0.06 in	HB		TVT Internal

Recommended Processing Guidance	Nominal Value	Unit
---------------------------------	---------------	------

- | | | |
|-----------------------------|------------|-------|
| 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 |