TriVOL 32C30 (8M, 12M, 20M, 24M)

Polypropylene

General Information	

Product Description

UL certified HB copolymer PP product is available in melt flow ranges of 8 - 24. Calcium reinforced.

FEATURES		ADDITIONAL FORMULAS	COLOR
-HB	-RoHS/REACH Compliant	-Added Release "R"	-All
-Copolymer		-Added UV "U"	
-Chemically Coupled		-Sustainable UL grades available	
-30% Calcium Reinforced			

UL Underwriters Laboratories

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	1.14	g/cm³	ASTM D792
Melt Flow Rate (230°C/2.16kg)	(8, 12, 20, or 24)	g/10min	ASTM D1238
Molding Shrinkage - Flow (3.2mm)	1.0 to 1.4	%	TVT Internal
Outdoor Suitability (QUV) ("U" grades)	Pass		TVT Internal
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	3600	psi	ASTM D638
Tensile Elongation	>80	%	ASTM D638
Flexural Modulus	250,000	psi	ASTM D790
Notched Izod Impact	1.5	ft-lbs/in	ASTM D256
Shore Hardness	72	D-Scale	ASTM D785
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa)	220	°F	ASTM D648
RTI Elec	149	°F	UL 746
RTI IMP	149	°F	UL 746
RTI Str	149	°F	UL 746
Flammability	**Nominal Value**	**Unit**	**Test Method**
0.06 in	HB		UL94 File E494706
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 500	°F	
Mold Temperature	80 to 140	°F	

[1] Note: The values listed on this guide are typical values based on general molding conditions and used solely for the purpose of general material processing. It is recommended that application properties be derived from actual molded articles, whereas properties as molded could vary. These are not to be used as specifications. This data does not provide an implied conditional warranty.