

REV	DESCRIPTION	CHK	ENR	DATE
02				12/13/04



GE Plastics

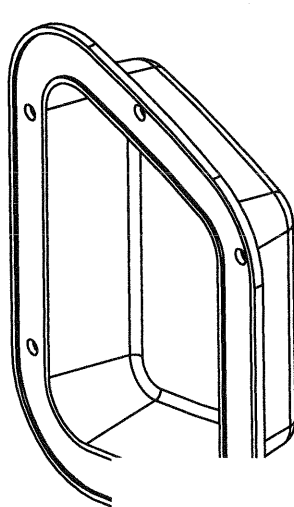
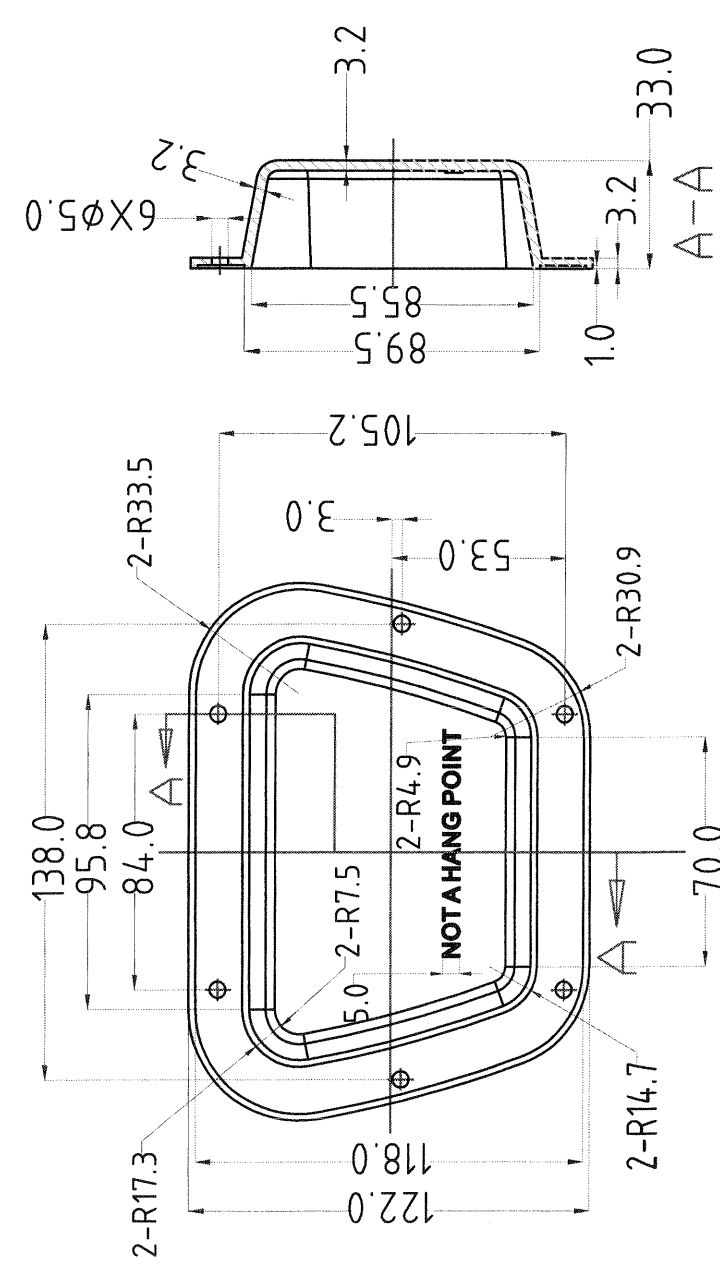
CYCOLAC® VW300

Flame retardant, excellent indoor UV properties. Excellent moldability. V0/5VA rated.

Property

TYPICAL PROPERTIES (1)			
MECHANICAL	Value	Unit	Method
Tensile Stress, yld, Type 1, 5 mm/min	37	MPa	ASTM D 638
Tensile Modulus, 5 mm/min	2210	MPa	ASTM D 638
Flexural Stress, yld, 1.3 mm/min, 50 mm span	61	MPa	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	2140	MPa	ASTM D 790
Hardness, Rockwell R	101	-	ASTM D 785
IMPACT	Value	Unit	Method
Izod Impact, notched, 23°C	160	J/m	ASTM D 256
Gardner, 23°C	20	J	ASTM D 3029
THERMAL	Value	Unit	Method
HDT, 1.84 MPa, 3.2mm, unannealed	76	°C	ASTM D 648
Relative Temp Index, Elec	60	°C	UL 746B
Relative Temp Index, Mech w/impact	60	°C	UL 746B
Relative Temp Index, Mech w/o impact	60	°C	UL 746B
PHYSICAL	Value	Unit	Method
Specific Gravity	1.2	-	ASTM D 792
Mold Shrinkage, flow, 3.2 mm	0.5 - 0.7	%	GE Method
Melt Flow Rate, 230°C/3.8 kgf	5.5	g/10 min	ASTM D 1238
ELECTRICAL	Value	Unit	Method
Arc Resistance, Tungsten (PLC)	6	PLC Code	ASTM D 495
Hot Wire Ignition (PLC)	0	PLC Code	UL 746A
High Voltage Arc Track Rate (PLC)	3	PLC Code	UL 746A
High Ampere Arc Ign, surface (PLC)	0	PLC Code	UL 746A
Comparative Tracking Index (UL) (PLC)	1	PLC Code	UL 746A
FLAME CHARACTERISTICS	Value	Unit	Method
UL Recognized, 94V-0 Flame Class Rating (3)	1.5	mm	UL 94
UL Recognized, 94-5VA Rating (3)	2	mm	UL 94
CSA (See File for complete listing)	LS98480	File No.	CSA LISTED
Oxygen Index (LOI)	30	%	ASTM D 2863
UV-light, water exposure/immersion	F2	-	UL 746C

Source GMD, last updated: 10/31/2000



NOTES:

1. MATERIAL-SEE TABLE.
2. FINISH: FRONT FACE AND EDGES TO BE MT11010.
3. DIMENSION: ARE IN MILLIMETERS AND IN ACCORDANCE WITH BOSE DRAWING STANDRD OP148888.

COLOR: ARCTIC WHITE

THIRD ANGLE PROJECTION		LEVEL	EMITTER	DATE
		3	ORDER	
NOTES		2	ENGINEER	
		1	REL. FROM REV	
			AT REV	



Handle_box

DESCRIPTION		SCALE	SHEET 1 OF 1
FRANKINGHAM, MA 01704-2168		DATE	REV
		12/13/04	02