

GL 10004

1.0 Description

Hysol 4362/3404 is a room temperature cure, low viscosity, liquid epoxy system for encapsulating or potting electrical and electronic components. It is slightly resilient to provide shock resistance, and to reduce stress on the encapsulated components.

2.0 Characteristics

Density, #/cu.in.	.051
Tensile Strength, p.s.i.	4,000
Compressive Strength, p.s.i.	12,000
Operating Class (AIEE)	A
Colour	Ivory
Linear Shrinkage %	0.9
Elongation, %	<3

3.0 Handling

Mixing Ratio, by weight	100 : 7 (4362:3404)
Pot Life, Minutes, at 25°C	30
Viscosity, cps.	6,000

Weigh, mix, deair if necessary and cast at room temperature.

**Caution:** Avoid contact with skin and eyes and use with good ventilation to draw fumes away from operator.

4.0 Cure

24 hours @ R/T or 2 hours @ 60°C.

STANDARD DRAWING

**TMC (Canada) LIMITED**  
ONTARIO  
OTTAWA

EPOXY ENCAPSULATING SYSTEM

SHOCK RESISTANT

WJ  
MECA DES APP.  
DEC. APP.

ELEC. DES APP.

PM  
DRAWN

R.Dae  
CHECKED

FINAL APPROVAL

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GL10004

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
											1.0 Description Hysol 4362/3404 is a room temperature cure, low viscosity, liquid epoxy system for encapsulating or potting electrical and electronic components. It is slightly resilient to provide shock resistance, and to reduce stress on the encapsulated components.	
											2.0 Characteristics  Density, #/cu.in. .051 Tensile Strength, p.s.i. 4,000 Compressive Strength, p.s.i. 12,000 Operating Class (AIEE) A Colour Ivory Linear Shrinkage % 0.9 Elongation, % <3	
											3.0 Handling  Mixing Ratio, by weight 100 : 7 (4362:3404) Pot Life, Minutes, at 25°C 30 Viscosity, cps. 6,000  Weigh, mix, deair if necessary and cast at room temperature.  <b>Caution:</b> Avoid contact with skin and eyes and use with good ventilation to draw fumes away from operator.	
											4.0 Cure  24 hours @ R/T or 2 hours @ 60°C.	
				USED ON			PROJECT NO.			DATE		
				TOLERANCES			IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.			SCALE 510045-56		
				ALL DIM. ±			DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED					
				OTHERS			DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
				MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			SCALE 510045-56			DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED		
				DEC. DIM. ±			DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
				FRAC. DIM. ±								
				ANGULAR DIM. ±								
				4 MAY 67								
				ABS. NO.								
				STOCK SIZE								
				MATERIAL								
				WEIGHT PER PC.								
				TYPE & TEMPER								
				HEAT TREAT. SPEC.								
				FINISH & SPEC. NO.								