

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE FOR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		REQ. PER UNIT	USED ON	GL-128	B
MODEL	ASSY. NO.	DATE			
VLR-1		5-8-63			

- 1. PRELIMINARY PREPARATION**
 (The following preparation has a non-curing shelf life of one (1) year.)
 Mix 100 Grams of RUBBER GRADE STYRENE MONOMER with 450 Grams of 8001 POLYLYTE.
 To color, add 25 Grams of POLYESTER COLOR. (Natural color is off-white.)
- 2. FINAL PREPARATION BEFORE POTTING**
 Separate preliminary preparation into two equal parts. Mix 11 Grams of BENZOIL PEROXIDE with one half of preliminary preparation, and mix 1/2 Gram of DIETHYL ANILINE with other half of preliminary preparation. Mix two halves of preparation together and immediately add 300 Grams of 611 CALCINED ALUMINA A-2 (-325 MESH). Mix thoroughly and pot immediately.
- 3. POTTED UNIT**
 May be handled after four (4) hours at room temperature.
 Is completely cured after 24 hours at room temperature.
- 4. SMALLER QUANTITIES**
 Formula may be broken down for smaller quantities.

INGREDIENT	MANUFACTURER
STYRENE MONOMER	COPPER CHEMICAL or DOW CHEMICAL
8001 POLYLYTE	HEICHHOLD CHEMICAL
CALCINED ALUMINA	WHITTAKER, CLARK & DANIELS, INC.
POLYESTER COLOR	FERRO CHEMICAL

TMC PART NO.	COLOR
GL-128-1	Brown
GL-128-2	Red
GL-128-3	Orange
GL-128-4	Yellow
GL-128-5	Green
GL-128-6	Blue
GL-128-7	Violet
GL-128-8	Gray
GL-128-9	White (Natural)
GL-128-0	Black

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		GELLMAN	
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		COMPOUND, POTTING	
B	ADDED GL-128-0		
A	POTTING SPEC CLARIFIED GL-128-1,3,7 & 8 ADDED		
SYM	DESCRIPTION	SCALE	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
		FRACTIONS ± 1/64 ANGLES, ± 0° 30'	
		TOLERANCES	
		DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	
		DATE	
		12-13-66	
		17453 RME	
		9896 JM	
		2-11-63	
		CH. NO.	
		DRAFTS	
		CHECKER	
		ENG. APP.	
		STOCK SIZE	
		MATERIAL	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		DRAWN	
		CHECKED	
		MECH. DES. APP.	
		ELEC. DES. APP.	
		FINISH & SPEC. NO.	
		5-8-63	
		5/4/63	
		JFH	
		5-8-63	
		FINAL APPROVAL	
		GL-128	B