ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

Material	Name	Suppli r
Re$in	Stycast 1090	Emerson & Cuming, Inc. Canton, Massachusetts
Catalyst	Catalyst # 9	
Release Agent	Mold release 122 S	

Note: a) Shelf life 6 months at room temperature in properly closed cans or bottles.
b) For preparation see specification S-598

Properties of Cured Resin.

Specific Gravity	0.78
Density (lb./cu. ft.)	50
Flexural Strength, psi	4200
Coefficient of Linear Expansion (cm./cm./°C.)	19×10^{-6}
Thermal Conductivity (BTU/sq. ft./hr./°F./in.)	0.8
Water Resistance (% gain in 24 hrs. at 25°C.)	0.1
Dielectric Constant (10^2 to 10^{10} cps)	approx. 1.9
Dissipation Factor (10^2 to 10^{10} cps)	below .015
Dielectric Strength (Volts/mil-100 mil sample)	300
Resistivity (ohm-cm.3)	10^{13}
Temperature range	-100°F to + 400°F

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON			

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

TOLERANCES

ALL OTHERS
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

STOCK SIZE

MATERIAL | WEIGHT PER PC.

TYPE & TEMPER

HEAT TREAT. SPEC.

FINISH & SPEC. NO.

TMC (Canada) LIMITED
OTTAWA ONTARIO

STYCAST 1090

Potting Compound.

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
		R.W.J.
CHECKED	FINAL APPROVAL	

GL - 120

FORM 127