

| | | |
|---------------|--------|-----------|
| REQ. PER UNIT | MODEL | USED ON |
| | TRC-5K | ASSY. NO. |
| | | DATE |
| | | 12-18-63 |
| | | GL-123 |
| | | A |

SPECIFICATIONS

MACHINABILITY: COMPOUND CAN BE READILY CUT, DRILLED OR SANDED WITH ORDINARY TOOLS. FOR MACHINING, BULK DENSITIES OF 6 LBS. PER CUBIC FOOT, OR HEAVIER, IS RECOMMENDED.

TEMPERATURE RANGE: -70°C. to +150°C. (-94°F to +304°F).

UNICELLULARITY: NOT INTERCONNECTING. FOR ABSOLUTE ASSURANCE AGAINST WATER PENETRATION, BULK DENSITIES OF 7 LBS. PER CUBIC FOOT, OR HEAVIER IS RECOMMENDED.

ELECTRICAL:

* DENSITY (POUNDS/CUBIC FOOT)

| | | |
|------|------|------|
| 3 | 10 | 25 |
| 1.04 | 1.18 | 1.47 |

LESS THAN
.0001 .0004 .003

PHYSICAL:

| | | | |
|--|------|-----------------------|--------|
| TENSILE STRENGTH (PSI) | 55 | 320 | 1,100 |
| COMPRESSIVE STRENGTH (PSI) | 65 | 340 | 1,200 |
| MODULUS OF ELASTICITY (PSI) | - | 11,000 | 52,000 |
| THERMAL CONDUCTIVITY (BTU/HR./SQ. FT./°F./FT.) | .014 | .020 | - |
| COEFFICIENT OF THERMAL EXPANSION | - | 40 x 10 ⁻⁶ | - |
| WATER ABSORPTION (24 HRS. @ 25°C.) | 1.3% | 0.25% | 0.1% |

TMC PART NO. SHALL BE IN THE FOLLOWING FORM:

GL-123 - 14

BASIC PART NO. * BULK DENSITY (POUNDS/CUBIC FOOT)

SEE TMC 5622

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------|----------|---|--------|
| | — | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK | |
| | — | POTTING COMPOUND | |
| | — | MATERIAL | |
| | — | TYPE & TEMPER | |
| | — | HEAT TREAT. SPEC. | |
| | — | FINISH & SPEC. NO. | |
| | — | ELEC. DES. APP. MECH. DES. APP. | |
| | — | CHECKED | |
| | — | DRAWN | |
| | — | 12-20-63 | |
| | — | FINAL APPROVAL | |
| | — | GL-123 | A |