

**FOR  
EXPORT**

**SHANGHAI GLOBAL ELECTRONIC MATERIAL LTD.**



MEMBER

**LAMINATE TESTING REPORT**

QF27.08

修改状态: 2

**CUSTOMER: PROWISTECH**

REPORT DATE:2021-2-4

| LOT No.: SC121474                                       |                                    |                                                |
|---------------------------------------------------------|------------------------------------|------------------------------------------------|
| TYPE: FR-4.0                                            | PRODUCT MODEL:GF212                |                                                |
| SPECIFICATION: 1.60 mm 1/0 S UV A3 1042×1245 mm         |                                    |                                                |
| TESTING ITEM                                            | SPECIFICATION                      | TESTING RESULT                                 |
| 1. SURFACE AND SUBSURFACE<br>IMPERFECTION               | IPC-4101<br>3.8.3.1.6              | ACC                                            |
| 2. BOW AND TWIST                                        | IPC-4101 3.8.4.3                   | 0.10-0.70%                                     |
| 3. THERMAL STRESS<br>UNETCHED<br>ETCHED                 | IPC-4101 3.10.1.2                  | ACC                                            |
| 4. PEEL STRENGTH<br>AS RECEIVED<br>AFTER THERMAL STRESS | $\geq 8$ LBS/IN<br>$\geq 8$ LBS/IN | 8.80LBS/IN~10.50LBS/IN                         |
| 5. PRESSURE VESSEL THERMAL<br>STRESS                    | IPC-4101 3.12.1.3                  | ACC                                            |
| 6. TG                                                   | $125 \pm 5^{\circ}\text{C}$        | $127^{\circ}\text{C} \sim 128^{\circ}\text{C}$ |
| 7.COMPARATIVE TRACKING INDEX                            | CTI $\geq 175$                     | ACC                                            |
| FINAL TESTING RESULT: ACC                               | INSPECTOR:                         | APPROVED:                                      |

TESTING METHODS ARE ACCORDING TO IPC-TM-650

**RoHS**

No.:O-T-G-1