



TEST REPORT

CLIENT: HUADING GROUP CO.,LTD.

REFERENCE: GB/T 4207-2012/IEC 60112:2009

TEST ITEM: COMPARATIVE TRACKING INDEX (CTI)

SAMPLE: PCB

REPORT No.: 08025

TEST RESULTS SUMMARY:

The samples were tested by the indicated test method within this report. Actual detailed test results are enclosed.



(1 of 5)

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MCQD530-02(2007)

SUBMISSION IDENTIFICATION

The following sample(s) were submitted and received in a suitable condition for testing as requested:

TEST SAMPLES SUBMITTED: 2014-03-24

TEST DATE: 2014-03-25

SAMPLE DESIGNATION: PCB

SAMPLE IDENTIFICATION: PHD140282 BE1EBA

SAMPLE QUANTITY: 1pcs

* * * * *

IN ACCOUNT WITH:

HUADING GROUP CO., LTD.

UNIT D, WORLD TRADE CENTRE, NO.122 SHUGUANG ROAD, HANGZHOU, ZHEJIANG,
THEPEOPLE'S REPUBLIC OF CHINA

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Contact: Yin Hong Jun

COMPARATIVE TRACKING INDEX (CTI)

TEST SPECIMENS

The size of the specimen shall not less than 15 mm x 15 mm. The thickness of the test specimen shall be 3 mm or more. Individual pieces of material may be stacked to obtain the required thickness of at least 3 mm.

REFERENCES

GB/T 4207-2012/IEC 60112:2009 Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions
Customer technical requirement

METHOD

Test specimens must be clean of dust, dirt, oil and all other contaminants. The test voltage is set on the power supply and the test is begun by starting the drop mechanism. The test is stopped when the over-current device operates; a persistent flame occurs or at least 25 s have elapsed after the fiftieth drop has fallen without tracking occur. After each test the electrodes are cleaned with acetone and inspected. Change the test voltages at an appropriate voltage and repeat the test.

RESULTS

The test result indicated the comparative tracking index was CTI600, See attached test data sheet and photo for actual measurements.

CTI

| | | | | | | |
|--------------------|--|---------|-----------------------|------------------|---------|--|
| Sample Designation | PCB | | Sample Identification | PHD140282 BE1EBA | | |
| Test DATE | 2014-3-25 | | Ambient | 23°C, RH: 50% | | |
| Sample No. | 08025-1 | 08025-2 | 08025-3 | 08025-4 | 08025-5 | |
| Thickness (mm) | 1.492 | 1.492 | 1.479 | 1.528 | 1.521 | |
| Drops | 600V | 100(6) | 100(6) | 100(6) | 100(6) | |
| CTI | CTI 600 | | | | | |
| Note: | (4) : Melted and eroded | | | | | |
| | (5) : Flamed, melted and eroded | | | | | |
| | (6) : Insufficient tracking-test terminated at indicated value | | | | | |