



TEST REPORT

No. : XMCCM160200142

Date : Mar.15, 2016

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AAEON TECHNOLOGY INC.

5F, NO.135, LANE 235, PAO CHIAO RD., HSIN-TIEN DIST., NEW TAIPEI CITY 23145, TAIWAN, R.O.C

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : PCB BOARD
SGS Ref. No. : GZIN1602005561MR
Material : FR4
Buyer : AAEON TECHNOLOGY INC.
Manufacturer : L-BRIDGE ELECTRONICS CO.,LTD.
Model Name : XBOXER-6357X (X - WHERE X MAY BE ANY COMBINATION OF ALPHANUMERIC CHARACTERS OR "-" OR BLANK)
Test required : EN 45545-2:2013 Railway applications— Fire protection on railway vehicles Part 2: Requirements for fire behaviour of materials and components, R24
Date of receipt : Feb.18, 2016
Test period : Feb.18, 2016 to Feb.25, 2016
Test result(s) : For further details, please refer to the following page(s)

***** To be continued*****

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. XM Branch Testing Center

Civi Huang
Authorized Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Center Materials Laboratory

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Test conducted:

The test is performed in accordance with the **R24** requirement specified in EN 45545-2:2013 Railway applications - Fire protection on railway vehicles – Part 2: Requirements for fire behavior of materials and components

Sample detail:

| | |
|---------------------------------------|-----------|
| Sample name (provided by sponsor): | PCB BOARD |
| Specimen thickness: | 1.6 mm |

Test result:

| Short name of requirement set (use for) | Test method reference | Parameter and unit | Requirement definition | HL1 | HL2 | HL3 | Test Result |
|---|-----------------------------|--------------------|------------------------|-----|-----|-----|-------------|
| R24 | T01 EN ISO 4589-2: OI | Oxygen content % | Minimum | 28 | 28 | 32 | 44.3 % |

Conclusion

The tested sample **meets** the requirements of R24 specified in HL1, HL2 & HL3 under EN 45545-2:2013.

***** To be continued*****



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Test item: Oxygen Index

Test Method: EN 45545-2:2013 & EN ISO 4589-2:1999/Amd.1:2006

Specimen: Type III

Ignition procedure: Procedure A

Conditioning: 23 ± 2 °C, 50 ± 5 %RH, ≥88h

Test Result:

| Test Item | Test Result |
|--------------|-------------|
| Oxygen Index | 44.3 % |

Note:

1. Burning behavior: charring and after glow.
2. Test specimens were cut from the sample.
3. The above test was carried out by a SGS internal laboratory.

Statements:

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The test results relate only to the specimens of the product in the form in which were tested.

***** To be continued*****



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Sample photograph:

| | |
|---|--|
|  |  |
| <p>Original Sample</p> | <p>During test</p> |
|  |  |
| <p>Before test</p> | <p>After test</p> |

SGS authenticate the photo on original report only

***** End of report*****