Report No.: 168133499f 002

Client: FLASHBAY ELECTRONICS

Contact Information: 1-4/F of Bldg No.3, Bldg No.2, 101-501F of Bldg No.1, Xifengcheng Industrial Park, No. 2 Fuyuan Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, P. R. China

Test item(s): 3 materials

Identification/ Model No(s): STRAW STRAIGHT/FUNKY/FOLD

Sample Receiving date: 2019-12-10

Testing Period: 2019-12-18 to 2019-12-30

Test Specification:

Customer's requirement:

1. Cadmium, Lead, Chromium (VI), Mercury, Polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers (PBDE), ROHS Phthalates (BBP, DBP, DEHP, DIBP)


Test result:

PASS

Other information:

Country of Origin: China

The report 168133499f 002 supersedes report 168133499f 001.

For and on behalf of
TÜV Rheinland (Shenzhen) Co., Ltd.

Shirley Zheng / Assistant Project Engineer

Date: 2020-01-16

Test result is drawn according to the kind and extent of tests performed.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

TÜV Rheinland (Shenzhen) Co., Ltd. · 1F East & 2-4F, Cybio Technology Building No.1, No. 16 Kejibei 2nd Road, High-Tech Industry Park North Nanshan District, 518057, Shenzhen, China
Tel.: (86) 755 8268 1188 · Fax: (86) 755 2603 7102 · Mail: service-gc@tuv.com · Web: www.tuv.com
Material List:

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Material</th>
<th>Color</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>A001</td>
<td>Metal</td>
<td>Silvery</td>
<td>Refer to photo</td>
</tr>
<tr>
<td>A002</td>
<td>Silicon</td>
<td>Translucent</td>
<td>Refer to photo</td>
</tr>
<tr>
<td>A003</td>
<td>Silicon</td>
<td>White</td>
<td>Refer to photo</td>
</tr>
</tbody>
</table>
1. Cadmium, Lead, Chromium (VI), Mercury, Polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers (PBDE)

Test Method:
- Chromium (VI)
  - For Metal material - Ref. to IEC 62321-7-1:2015
  - For Plastic or Electronic material - Ref. to IEC 62321-7-2:2017
  - For Leather material - Ref. to EN ISO 17075-1:2017
- PBBs, PBDEs - Ref. to IEC 62321-6:2015

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<th>Material</th>
<th>Color</th>
<th>Location</th>
<th>Test plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>A001</td>
<td>Metal</td>
<td>Silvery</td>
<td>Refer to photo</td>
<td>A</td>
</tr>
<tr>
<td>A002</td>
<td>Silicon</td>
<td>Translucent</td>
<td>Refer to photo</td>
<td>C</td>
</tr>
<tr>
<td>A003</td>
<td>Silicon</td>
<td>White</td>
<td>Refer to photo</td>
<td>C</td>
</tr>
</tbody>
</table>

Abbreviation:  
HM (Heavy metal) = Cd, Pb, Hg, Cr (VI)
FR (Flame Retardant) = PBBs, PBDEs

Remark:

1. Component(s)/ materials(s) with an area of less than 2mm x 2 mm will not be selected for testing according to RoHS Directive 2011/65/EU due to technical reason.
2. For the test sample does not have detail materials information provided by client, visually identical materials (e.g. wire insulation, solder points, etc.) will be considered as the same material.
3. Solder points on a printing circuit board will be examined several times based on optical anomalies or discoloration of the solder point(s) unless the solder point(s) is obviously generated automatically during production.
4. All other materials will be sampled and tested at one test point representatively.
### Test Result:

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Boiling-water-extraction for Cr (VI) (*1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A001</td>
<td>negative</td>
</tr>
</tbody>
</table>

### Abbreviation:

- **Pb** = Lead
- **Cd** = Cadmium
- **Hg** = Mercury
- **Cr** = Chromium
- **Cr (VI)** = Chromium (VI)
- **PBBs** = Total Polybrominated Biphenyls
- **PBDEs** = Total Polybrominated Diphenyl Ethers
- **n.d.** = Not Detected (<RL)
- **RL** = Reporting Limit
- **n.a.** = Not Applicable
- **%** = percentage

### Maximum Permissible Limit (%):

<table>
<thead>
<tr>
<th></th>
<th>Cd</th>
<th>Cr(VI)</th>
<th>Pb</th>
<th>Hg</th>
<th>PBBs (*)</th>
<th>PBDEs (*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
<td>0.01</td>
<td>0.1</td>
<td>0.1</td>
<td>0.1</td>
<td>0.1</td>
<td>0.1</td>
</tr>
<tr>
<td>Permissible Limit (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Test Result:

<table>
<thead>
<tr>
<th>Material No.</th>
<th>Cd</th>
<th>Cr(VI)</th>
<th>Pb</th>
<th>Hg</th>
<th>PBBs (*)</th>
<th>PBDEs (*)</th>
</tr>
</thead>
</table>

### Reporting Limit (RL)

- 0.0002
- 0.0002
- 0.0002
- 0.0002
- n.a.
- n.a.
Remark:

*1 The Chromium (VI) content in surface layer have been confirmed with reference to IEC 62321-7-1:2015 Annex.

<table>
<thead>
<tr>
<th>Chromium (VI) concentration</th>
<th>Qualitative result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative</td>
<td>&lt;0.1µg/cm²</td>
</tr>
<tr>
<td></td>
<td>The sample is negative (-ve) for Cr(VI). The Cr(VI) concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating</td>
</tr>
<tr>
<td>Inconclusive</td>
<td>≥0.1µg/cm² and ≤0.13 µg/cm²</td>
</tr>
<tr>
<td></td>
<td>The result is considered to be inconclusive. Unavoidable coating variations may influence the determination. Recommendation: if additional samples are available, perform a total of 3 trials to increase sampling surface area. Use the averaged result of the 3 trials for the final determination.</td>
</tr>
<tr>
<td>Positive</td>
<td>&gt;0.13 µg/cm²</td>
</tr>
<tr>
<td></td>
<td>The sample is positive (+ve) for Cr(VI). Concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).</td>
</tr>
</tbody>
</table>

* The reporting limit for each individual PBBs and individual PBDEs are :

<table>
<thead>
<tr>
<th>Reporting Limit (%)</th>
<th>PBBs</th>
<th>PBDEs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bromobiphenyl</td>
<td>0.0001</td>
</tr>
<tr>
<td></td>
<td>Dibromobiphenyl</td>
<td>0.0001</td>
</tr>
<tr>
<td></td>
<td>Tribromobiphenyl</td>
<td>0.0001</td>
</tr>
<tr>
<td></td>
<td>Tetrabromobiphenyl</td>
<td>0.0001</td>
</tr>
<tr>
<td></td>
<td>Pentabromobiphenyl</td>
<td>0.0002</td>
</tr>
<tr>
<td></td>
<td>Hexabromobiphenyl</td>
<td>0.0002</td>
</tr>
<tr>
<td></td>
<td>Heptabromobiphenyl</td>
<td>0.0002</td>
</tr>
<tr>
<td></td>
<td>Octabromobiphenyl</td>
<td>0.0005</td>
</tr>
<tr>
<td></td>
<td>Nonabromobiphenyl</td>
<td>0.0005</td>
</tr>
<tr>
<td></td>
<td>Decabromobiphenyl</td>
<td>0.0005</td>
</tr>
<tr>
<td></td>
<td>Bromodiphenylether</td>
<td>0.0001</td>
</tr>
<tr>
<td></td>
<td>Dibromodiphenylether</td>
<td>0.0001</td>
</tr>
<tr>
<td></td>
<td>Tribromodiphenylether</td>
<td>0.0001</td>
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<tr>
<td></td>
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<td>0.0001</td>
</tr>
<tr>
<td></td>
<td>Pentabromodiphenylether</td>
<td>0.0002</td>
</tr>
<tr>
<td></td>
<td>Hexabromodiphenylether</td>
<td>0.0002</td>
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<td>0.0005</td>
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<td>Nonabromodiphenylether</td>
<td>0.0005</td>
</tr>
<tr>
<td></td>
<td>Decabromodiphenylether</td>
<td>0.0005</td>
</tr>
</tbody>
</table>
Test Result:

<table>
<thead>
<tr>
<th>Test No.</th>
<th>Material No.</th>
<th>BBP (%)</th>
<th>DBP (%)</th>
<th>DEHP (%)</th>
<th>DIBP (%)</th>
</tr>
</thead>
</table>

Maximum permissible Limit (%):

<table>
<thead>
<tr>
<th>Substance</th>
<th>Limit (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBP</td>
<td>0.1</td>
</tr>
<tr>
<td>DBP</td>
<td>0.1</td>
</tr>
<tr>
<td>DEHP</td>
<td>0.1</td>
</tr>
<tr>
<td>DIBP</td>
<td>0.1</td>
</tr>
</tbody>
</table>

Abbreviations:
- BBP = Benzylbutyl phthalate
- DBP = Dibutyl phthalate
- DEHP = Bis(2-ethylhexyl) phthalate
- DIBP = Diisobutyl phthalate
- n.d. = Not Detected (< Reporting Limit)
- RL = Reporting Limit
- N.A. = Not Applicable
- % = percentage
Sample Photos

Product

Product

Product

Product

- END -
**General Terms and Conditions of Business of TÜV Rheinland in Greater China**

1. Scope

These General Terms and Conditions of Business of TÜV Rheinland in Greater China ("GTC") are made between the client and one or more member bodies of TÜV Rheinland Group in Greater China, including TÜV Rheinland China Co., Ltd. ("TÜV Rheinland"), as respectively specified in the contract.

2. Definitions

2.1 "Client" means an individual person or a company or other legal entity or body corporate, existing in the People's Republic of China or outside the People's Republic of China, who has concluded a contract with TÜV Rheinland to procure the services provided by TÜV Rheinland, for which the client can be responsible.

2.2 "Contract" means any agreement between the client and TÜV Rheinland for the provision of services.

2.3 "Service" means services, information, deliveries and similar services as well as ancillary services and other services provided by TÜV Rheinland to the client.

2.4 "Confidential Information" means all information, documents, images, drawings, know-how, data, samples and project documentation, including but not limited to reports, results, results of testing, results of inspection, information on the evaluation of the services provided by TÜV Rheinland, unless the client is required to disclose the information by law or by order of the competent authority.

2.5 "Contractually Agreed Services" means all services, information, deliveries and similar services as well as ancillary services and other services that are specified in the contract.

2.6 "Contractually Agreed Certificate" means a certificate or certification mark that is issued or re-issued by TÜV Rheinland to the client in accordance with the contract.

3. Performance of Services

3.1 TÜV Rheinland shall be entitled to demand advance payments.

3.2 TÜV Rheinland shall be entitled to offset any advance payments by amounts owed by the client to TÜV Rheinland. TÜV Rheinland may demand such offset where the client has received the services of TÜV Rheinland in advance of the due date for payment or in case of breach of any other provisions of the contract.

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4. Intellectual Property Rights

4.1 TÜV Rheinland, as the owner of the rights in the reports, shall retain all exclusive copyrights in the reports, including all rights of reproduction, distribution, public performance and public display, unless otherwise agreed to in writing by both parties.

4.2 The client is entitled to reproduce and distribute the reports in whole or in part for the sole purpose of its own use and application in accordance with regulations, unless the client is required to disclose the information by law or by order of the competent authority.

5. Confidentiality

5.1 The client shall ensure that any additional cost incurred on account of work having to be redone or repeated, which is in connection with a defect in the work results, is subject to full payment of the remuneration agreed in favour of TÜV Rheinland.

5.2 Unless otherwise contractually agreed, a limited warranty shall be issued one month prior to the date on which the client enters into possession of the work results.

5.3 The client hereby agrees to adhere to the current Rules of Arbitration. The arbitration shall take place in Taipei.

5.4 If TÜV Rheinland is subject to foreign data protection laws, the client shall cooperate with TÜV Rheinland in the case of TÜV Rheinland being legally registered and existing in the People's Republic of China, to Hong Kong, to the extent that the data protection laws of the People's Republic of China, to Hong Kong, require and/or prescribe that the client notifies the client in accordance with clause 11.4.

5.5 Any additional cost incurred on account of work having to be redone or repeated, which is in connection with a defect in the work results, is subject to full payment of the remuneration agreed in favour of TÜV Rheinland.

6. Payment Terms

6.1 All invoice amounts shall be due for payment without deduction on receipt of the invoice, unless otherwise agreed in writing by both parties.

6.2 Payment shall be made to the bank account of TÜV Rheinland as indicated on the invoice, stating the invoice and client number.

6.3 In case of a delay in payment TÜV Rheinland shall be entitled to charge interest on any overdue amount in accordance with the current basic rate of interest in the country where TÜV Rheinland is located and the Group Data Protection Officer of TÜV Rheinland by e- mail at datenschutz@de.tuv.com or by the legal representative described in the contact information.

6.4 Should the client default in payment of the invoice despite being granted a reasonable grace period for payment, TÜV Rheinland shall be entitled to charge the client with additional fees for non-performance and refusal to perform the services.

6.5 The provisions set out in Article 6 shall also apply in case involving received cheques, payments after settlement, transfers of orders, in case of payment on account of the services rendered, retention of the natures of goods, in case of treatment of accounts receivable or in case of guarantee claims, in case of transfer of ownership and in case of total or partial settlement of the invoice, as well as in case of settlement of any other amounts, which the commencement of the beneficial proceedings has been determined by take possession of such services.

6.6 Objections to the invoices of TÜV Rheinland shall be submitted in writing within ten days of receipt of the invoice by the client.

6.7 TÜV Rheinland shall be entitled to demand additional advance payments.

6.8 If the client is not paid within the agreed period or if the client is in default of payment or if further services are due, TÜV Rheinland shall be entitled to take the necessary steps to enforce its rights, in particular to terminate the contract and to carry out the work results.

6.9 If the client is not paid within the agreed period or if the client is in default of payment or if further services are due, TÜV Rheinland shall be entitled to take the necessary steps to enforce its rights, in particular to terminate the contract and to carry out the work results.

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7. Liability of TÜV Rheinland

7.1 The client hereby agrees to adhere to the current Rules of Arbitration. The arbitration shall take place in Taipei.

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