EMTEK
Access to the World

# 检测报告
# Test Report



| | | |
|---|---|---|
| **委托单位** | : | 深圳快造科技有限公司 |
| **Applicant** | : | Shenzhen Snapmaker Technologies Co., Ltd. |
| **地　　址** | : | 深圳市前海深港合作区前湾一路 1 号 A 栋 201 室 |
| **Address** | : | A201, 1 Qianwan Yi Road, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, Guangdong, CHINA |
| **样品名称** | : | / |
| **Sample Name** | : | Snapmaker PETG HF |
| **型　　号** | : | / |
| **Style/Item No.** | : | SMB-01-xx (xx represents any suffix) |
| **材　　料** | : | / |
| **Material** | : | PETG |
| **接收日期** | : | 2026 年 07 月 10 日 |
| **Received Date** | : | Jul. 10, 2026 |
| **检测日期** | : | 2026 年 07 月 10 日 ~ 2026 年 07 月 20 日 |
| **Test Period** | : | Jul. 10, 2026 ~ Jul. 20, 2026 |
| **测试要求** | : | 据客户要求，参照欧盟 RoHS 指令 2011/65/EU 及其修订指令(EU) 2015/863，检 |
| **Test Requested** | : | 测以下项目：<br>As requested by the client, according to the directive 2011/65/EU (RoHS) and amendment directive (EU) 2015/863, to determine:<br>1) 样品中的镉，铅和汞的含量；<br>the content of Cadmium, Lead and Mercury in the submitted sample;<br>2) 样品中的六价铬的含量；<br>the content of Hexavalent Chromium in the submitted sample;<br>3) 样品中的多溴联苯以及多溴联苯醚的含量；<br>the content of PBBs (polybrominated biphenyls) and PBDEs (Polybrominated diphenyl-ethers) in the submitted sample;<br>4) 样品中邻苯二甲酸酯的含量。<br>the contents of the regulated phthalate in the submitted sample. |
| **测试结果** | : | 请参见下一页。 |
| **Test Results** | : | Please refer to next page(s). |


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# Test Report



**执行测试总结:**

**Execute test summary:**

| 标　准<br>STANDARD | 结　论<br>CONCLUSION |
|---|---|
| RoHS 指令 2011/65/EU 及其修订指令(EU) 2015/863 的要求<br>The requirements of RoHS Directive 2011/65/EU and amendment directive (EU) 2015/863 | 合　格<br>PASS |

谨代表
Signed for and on behalf of
东莞市信测科技有限公司
EMTEK (Dongguan) Co., Ltd.

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授权签字人
Authorized signatory
2026 年 07 月 21 日
Jul. 21, 2026

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**测试结果：**
**Test Results:**

测试方法： 1) 参照 IEC 62321-5:2013，测试铅和镉，分析仪器为 ICP-OES；
Test Method: 1) to refer to IEC 62321-5: 2013, determine the Cadmium, Lead content by ICP-OES;
2) 参照 IEC 62321-4:2013+A1:2017，测试汞，分析仪器为 ICP-OES；
2) to refer to IEC 62321-4:2013+A1:2017, determine the Mercury content by ICP-OES;
3) 参照 IEC 62321-7-2:2017，测试六价铬，分析仪器为 UV-VIS；
3) to refer to IEC 62321-7-2:2017, determine the Hexavalent Chromium content by UV-VIS;
4) 参照 IEC 62321-6:2015，测试多溴联苯和多溴联苯醚，分析仪器为 GC-MS。
4) to refer to IEC 62321-6:2015, determine the Polybrominated Biphenyls and Polybrominated Diphenyl Ethers by GC-MS.
5) 参照 IEC 62321-8:2017，测试邻苯二甲酸酯，分析仪器为 GC-MS。
5) to refer to IEC 62321-8:2017, determine the Phthalate content by GC-MS.

| 测试项目<br>Test Item | 测试结果 (mg/kg)<br>Test Result (mg/kg) | MDL (mg/kg) | 法规限值 (mg/kg)<br>Law Limit (mg/kg) |
|---|---|---|---|
| | 1 | | |
| 镉 (Cd)<br>Cadmium (Cd) | ND | 2 | 100 |
| 铅 (Pb)<br>Lead (Pb) | ND | 2 | 1000 |
| 汞 (Hg)<br>Mercury (Hg) | ND | 2 | 1000 |
| 六价铬 (Cr $^{6+}$)<br>Hexavalent Chromium (Cr $^{6+}$) | ND | 8 | 1000 |

备注：1.mg/kg = 百万分之一 = ppm
Note : 1.mg/kg = part per million = ppm
2. ND = 未检测到 (小于 MDL) MDL =方法检测限
2. ND = Not Detected (less than MDL) MDL = Method Detection Limit

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# 检测报告
# Test Report

编号: EDG2607090295C00105R
No.: EDG2607090295C00105R

日期: 2026 年 07 月 21 日
Date: Jul. 21, 2026



**测试结果:**
**Test Results:**

| 测试项目 Test Item | 测试结果 (mg/kg) Test Result (mg/kg) | MDL (mg/kg) | 法规限值 (mg/kg) Law Limit (mg/kg) |
|---|---|---|---|
| | 1 | | |
| 多溴联苯(PBBs) Polybrominated Biphenyls (Mono – Deca) (PBBs) | ND | -- | 1000 |
| 一溴联苯 Monobromobiphenyl | ND | 5 | -- |
| 二溴联苯 Dibromobiphenyl | ND | 5 | -- |
| 三溴联苯 Tribromobiphenyl | ND | 5 | -- |
| 四溴联苯 Tetrabromobiphenyl | ND | 5 | -- |
| 五溴联苯 Pentabromobiphenyl | ND | 5 | -- |
| 六溴联苯 Hexabromobiphenyl | ND | 5 | -- |
| 七溴联苯 Heptabromobiphenyl | ND | 5 | -- |
| 八溴联苯 Octabromobiphenyl | ND | 5 | -- |
| 九溴联苯 Nonabromobiphenyl | ND | 5 | -- |
| 十溴联苯 Decabromobiphenyl | ND | 5 | -- |
| 多溴联苯醚(PBDEs) Polybrominated Diphenylethers (Mono – Deca) (PBDEs) | ND | -- | 1000 |
| 一溴联苯醚 Monobromodiphenyl ether | ND | 5 | -- |
| 二溴联苯醚 Dibromodiphenyl ether | ND | 5 | -- |
| 三溴联苯醚 Tribromodiphenyl ether | ND | 5 | -- |
| 四溴联苯醚 Tetrabromodiphenyl ether | ND | 5 | -- |
| 五溴联苯醚 Pentabromodiphenyl ether | ND | 5 | -- |
| 六溴联苯醚 Hexabromodiphenyl ether | ND | 5 | -- |
| 七溴联苯醚 Heptabromodiphenyl ether | ND | 5 | -- |
| 八溴联苯醚 Octabromodiphenyl ether | ND | 5 | -- |
| 九溴联苯醚 Nonabromodiphenyl ether | ND | 5 | -- |
| 十溴联苯醚 Decabromodiphenyl ether | ND | 5 | -- |

备注：mg/kg = 百万分之一 = ppm　　ND = 未检测到 (小于 MDL)　　MDL =方法检测限
Note : mg/kg = part per million = ppm　　ND = Not Detected (less than MDL)　　MDL = Method Detection Limit

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# 检测报告
# Test Report



**测试结果:**
**Test Results:**

| 测试项目<br>Test Item | 测试结果 (mg/kg)<br>Test Result (mg/kg)<br>1 | MDL (mg/kg) | 要求(mg/kg)<br>Requirement (mg/kg) |
|---|---|---|---|
| 邻苯二甲酸二丁酯 (DBP)<br>Dibutyl phthalate(DBP) | ND | 30 | 1000 |
| 邻苯二甲酸丁苄酯 (BBP)<br>Benzylbutyl phthalate(BBP) | ND | 30 | 1000 |
| 邻苯二甲酸二(2-乙基己基)酯(DEHP)<br>Di-2-ethylhexyl phthalate(DEHP) | ND | 30 | 1000 |
| 邻苯二甲酸二异丁酯(DIBP)<br>Diisobutyl phthalate(DIBP) | ND | 30 | 1000 |

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Note : mg/kg = part per million = ppm　　ND = Not Detected (less than MDL)　　MDL = Method Detection Limit

测试材料：
Tested Materials:

| 序号<br>Item No. | 样品名称<br>Sample Name |
|---|---|
| 1 | 橙色硬塑料（SMB-01）<br>Orange hard plastic (SMB-01) |

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# 检测报告
# Test Report

编号: EDG2607090295C00105R
No.: EDG2607090295C00105R

日期: 2026 年 07 月 21 日
Date: Jul. 21, 2026



**样品照片**
**Sample Photo**




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# 检测报告
# Test Report

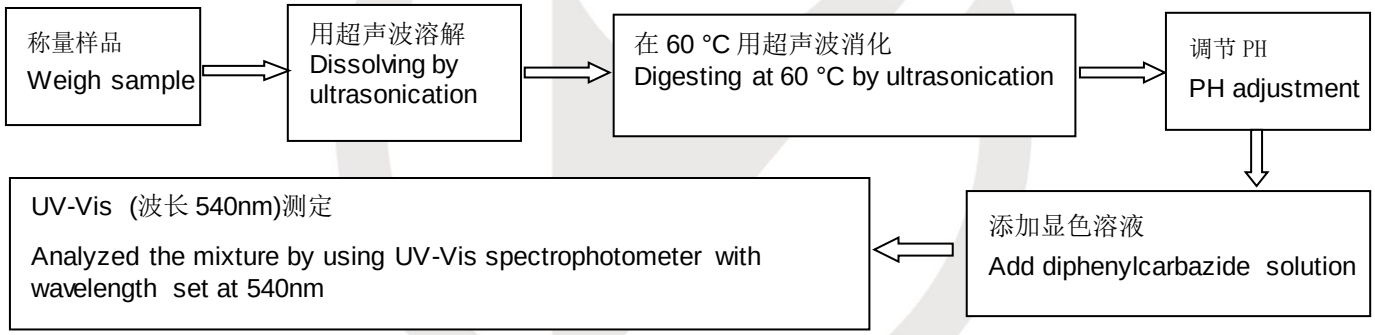


## 测试流程
## TEST FLOWCHART

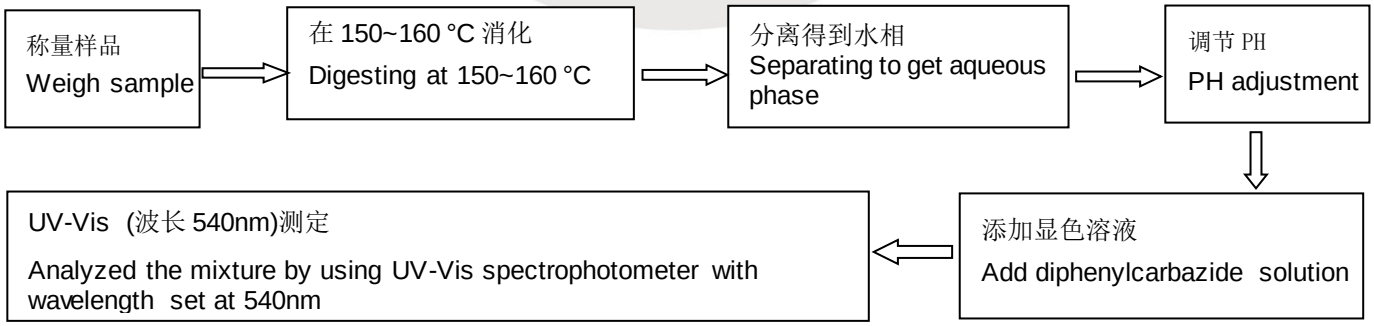
铅、镉和汞检测流程:
Pb/Cd/Hg Test Process:




六价铬检测流程(非金属-ABS/PC/PVC):
$Cr^{6+}$ Test Process(Non-metal-ABS/PC/PVC):




六价铬检测流程(非金属-其他):
$Cr^{6+}$ Test Process(Non-metal-Others):

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# 检测报告
# Test Report



## 测试流程
## TEST FLOWCHART

PBBs &PBDEs/邻苯二甲酸酯检测流程:
PBBs &PBDEs/Phthalates Test Process:




*** 报告结束 ***
*** End of Report ***

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# 检测报告
# Test Report



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4. 如果本公司确定报告被不当地使用，本公司保留撤回报告的权利，并有权要求其它适当的额外赔偿。
In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.

5. 本公司接受样品进行测试的前提是，该测试报告不能作为针对本公司法律行动的依据。
Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.

6. 如因使用本公司中心任何报告内的资料，或任何传播信息所描述与之有关的测试或研究导致的任何损失或损害，本公司概不负责。
The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.

7. 若需要在法院审理程序或者仲裁过程中使用测试报告，客户必须在提交测试样品前将该意图告知本公司。
Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.

8. 该测试报告的支持数据和信息本公司保存 10 年。个别评审机构有特别要求的，检测数据和报告的保存期可依情况变动。一旦超过上述提交的保存期限，数据和信息将被处理掉。任何情况下，本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告知可能会发生相关的损害，本公司在任何情况下也不必承担任何损害，包括（但不限于）补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何违反约定、违反承诺、侵权（包括疏忽）、产品责任或其他原因的惩罚性损害。
Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of ten years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.



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