

检测报告 Test Report

编号: EDG2607090295C00114R
No.: EDG2607090295C00114R

日期: 2026 年 08 月 03 日
Date: Aug. 03, 2026

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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-CF
型 号 : /
Style/Item No. : SMB-03-xx (xx represents any suffix)
材 料 : /
Material : PETG-CF

接收日期 : 2026 年 07 月 27 日
Received Date : Jul. 27, 2026
检测日期 : 2026 年 07 月 27 日 ~ 2026 年 08 月 03 日
Test Period : Jul. 27, 2026 ~ Aug. 03, 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, 检测以下项目:
Test Requested :

As requested by the client, according to the directive 2011/65/EU (RoHS) and amendment directive (EU) 2015/863, to determine:

- 1) 样品中的镉, 铅和汞的含量;
the content of Cadmium, Lead and Mercury in the submitted sample;
- 2) 样品中的六价铬的含量;
the content of Hexavalent Chromium in the submitted sample;
- 3) 样品中的多溴联苯以及多溴联苯醚的含量;
the content of PBBs (polybrominated biphenyls) and PBDEs (Polybrominated diphenyl-ethers) in the submitted sample;
- 4) 样品中邻苯二甲酸酯的含量。
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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执行测试总结:

Execute test summary:

标准 STANDARD

结论 CONCLUSION

RoHS 指令 2011/65/EU 及其修订指令(EU) 2015/863 的要求

The requirements of RoHS Directive 2011/65/EU and amendment directive (EU) 2015/863

合格
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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Supervisor

批准:

Approved by:

李伟, Lisa
Li Wei, Lisa
授权签字人
Authorized signatory

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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 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		
镉 (Cd) Cadmium (Cd)	ND	2	100
铅 (Pb) Lead (Pb)	ND	2	1000
汞 (Hg) Mercury (Hg)	ND	2	1000
六价铬 (Cr ⁶⁺) 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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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	--

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Note : mg/kg = part per million = ppm

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MDL = Method Detection Limit



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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)	要求(mg/kg) Requirement (mg/kg)
	1		
邻苯二甲酸二丁酯 (DBP) Dibutyl phthalate(DBP)	ND	30	1000
邻苯二甲酸丁苄酯 (BBP) Benzylbutyl phthalate(BBP)	ND	30	1000
邻苯二甲酸二(2-乙基己基)酯(DEHP) Di-2-ethylhexyl phthalate(DEHP)	ND	30	1000
邻苯二甲酸二异丁酯(DIBP) Diisobutyl phthalate(DIBP)	ND	30	1000

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测试材料:
Tested Materials:

序号 Item No.	样品名称 Sample Name
1	棕色硬塑料 (SMB-03) Brown hard plastic (SMB-03)

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样品照片
Sample Photo



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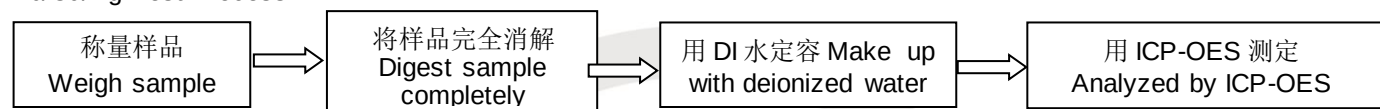
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测试流程 TEST FLOWCHART

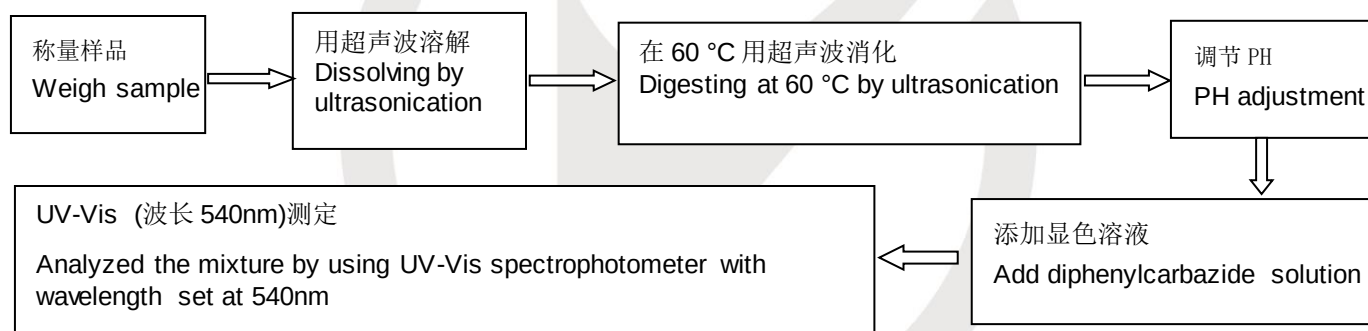
铅、镉和汞检测流程:

Pb/Cd/Hg Test Process:



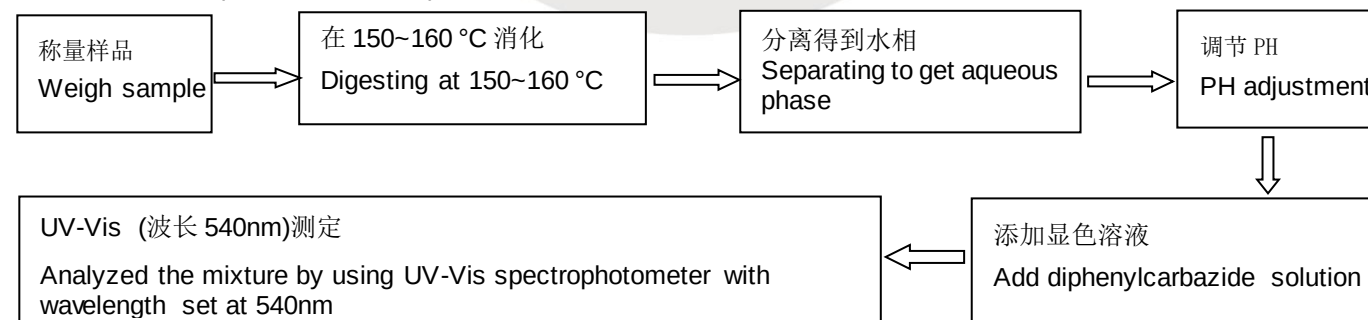
六价铬检测流程(非金属-ABS/PC/PVC):

Cr⁶⁺ Test Process(Non-metal-ABS/PC/PVC):



六价铬检测流程(非金属-其他):

Cr⁶⁺ Test Process(Non-metal-Others):



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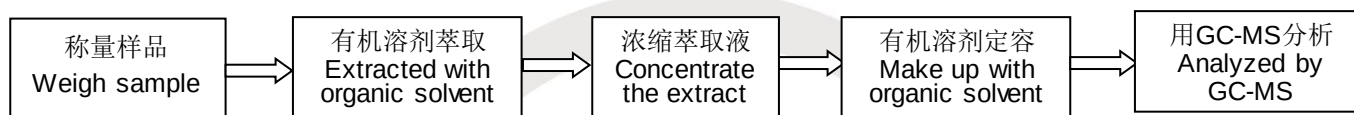
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测试流程 TEST FLOWCHART

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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The information as listed on the first page of this test report was all provided by the client except the sample from, date received, test period, test results and test conclusion. The client shall be responsible for the representativeness of sample and authenticity of materials, for which EMTEK shall bear no responsibilities.
2. 本检测报告以实测值进行符合性判定，未考虑不确定度所带来的风险，特别约定、标准或规范中有明确规定的除外。此种判定方式所带来的风险由客户自行承担，本实验室不承担相关责任。
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