

检测报告 Test Report

编号: EDG2607090295C00113R
No.: EDG2607090295C00113R

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

第 1 页 共 9 页
Page 1 of 9

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 PLA Translucent
型 号 : /
Style/Item No. : SMA-06-xx (xx represents any suffix)
材 料 : /
Material : PLA

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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Date: Aug. 03, 2026

第 2 页 共 9 页
Page 2 of 9

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.

制作:

Prepared by:

关咏诗

关咏诗, Rainie
Guan Yongshi, Rainie
报告工程师
Report Engineer

审核:

Reviewed by:

曾杏姬

曾杏姬, Cindy
Zeng Xingji, Cindy
主管
Supervisor

批准:

Approved by:

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

2026 年 08 月 03 日
Aug. 03, 2026

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第 3 页 共 9 页
Page 3 of 9

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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东莞市信测科技有限公司 地址: 广东省东莞市松山湖高新技术产业开发区新城大道 9 号中海洋生物科技研发基地 A 区 2 号办公楼 负一层、第二层 /8 栋 111 室、112 室 网址: [Http://www.emtek.com.cn](http://www.emtek.com.cn)
EMTEK (Dongguan) Co., Ltd. 邮箱: project@emtek.com.cn
Add: Room 111&112, Building 8, -1&2/F., Office Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: project@emtek.com.cn



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

第 4 页 共 9 页
Page 4 of 9

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
Note : mg/kg = part per million = ppm

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Date: Aug. 03, 2026

第 5 页 共 9 页
Page 5 of 9

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	灰色透明硬塑料 (SMA-06) Grey transparent hard plastic (SMA-06)

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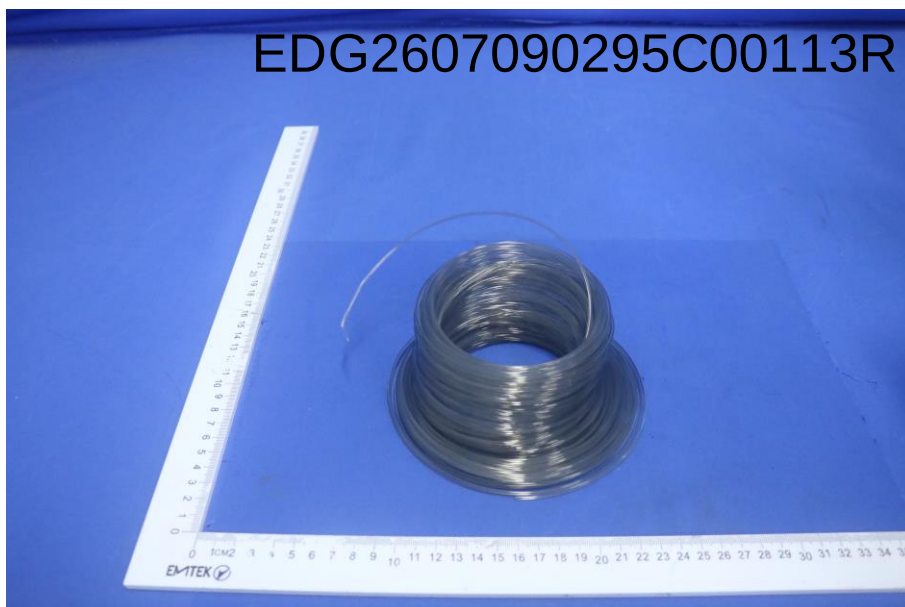
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第 6 页 共 9 页
Page 6 of 9

样品照片
Sample Photo



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第 7 页 共 9 页
Page 7 of 9

测试流程 TEST FLOWCHART

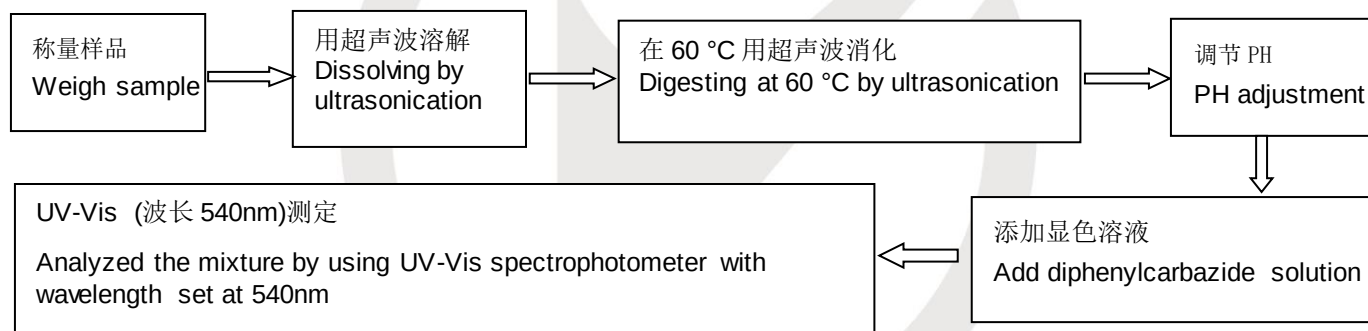
铅、镉和汞检测流程:

Pb/Cd/Hg Test Process:



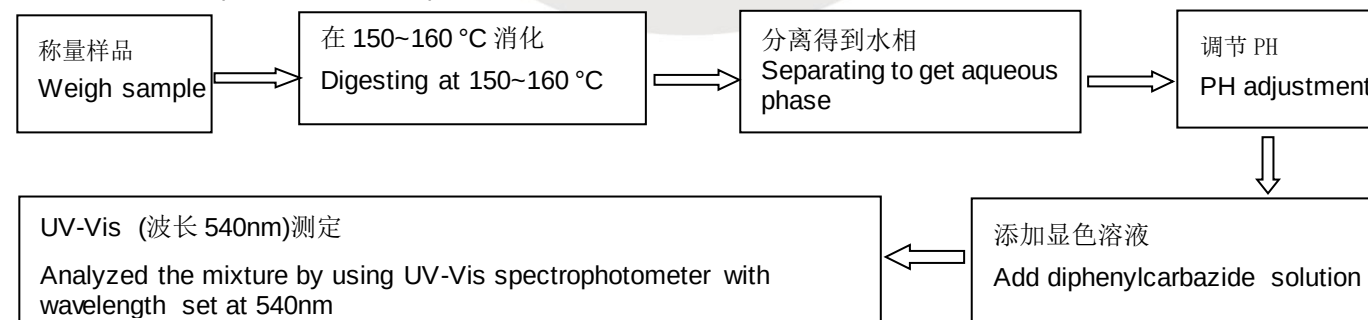
六价铬检测流程(非金属-ABS/PC/PVC):

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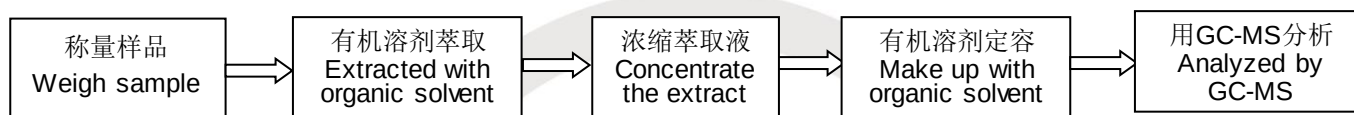
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日期: 2026 年 08 月 03 日
Date: Aug. 03, 2026

第 8 页 共 9 页
Page 8 of 9

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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第 9 页 共 9 页
Page 9 of 9

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1. 本检测报告首页所列信息中除样品来源、接样日期、检测日期、检测结果和检测结论外，均由委托方提供，委托方对样品的代表性和资料的真实性负责，本实验室不承担任何相关责任。
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邮箱: project@emtek.com.cn
Add: Room 111&112, Building 8, -1&2/F., Office Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: project@emtek.com.cn



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