



TEST REPORT

Report No.: 2601Q46345A

Date: February 28, 2026

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Shenzhen Tuozhu Technology Co., Ltd.

深圳拓竹科技有限公司

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深圳市前海深港合作区南山街道临海大道2228号恒昌科技大厦西区903

Report on the submitted samples said to be:

委托检测的样品及申请者对样品的说明如下：

Sample Description: PETG Matte

样品描述：3D打印线材

Style/Item No.: G03-xx (xx stands for any suffix)

型号：G03-xx (xx 代表任意后缀)

Brand: Bambu Lab

品牌：

Sample Receiving Date: February 13, 2026

收样日期：2026年02月13日

Testing Period: February 13, 2026 - February 27, 2026

测试周期：2026年02月13日 - 2026年02月27日

Result: **Please refer to next page(s).**

测试结果：请参见后续页。

Signed for and on behalf of BACL (BACL 授权签名)

Checked by:

审核:

Queenie Lee 李慧君

Approved by:

核准:

Len xie 谢创

Bay Area Compliance Laboratories Corp. (Shenzhen)

倍科电子技术服务(深圳)有限公司

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Summary of Test Result:

测试结果概要:

TEST REQUEST

测试要求

A RoHS Directive 2011/65/EU and amendment directives (EU) 2015/863 on Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs & PBDEs, Phthalates (DBP, BBP, DEHP, DIBP) content

RoHS指令2011/65/EU及其修正指令(EU) 2015/863, 测试铅, 镉, 汞, 六价铬, 多溴联苯, 多溴二苯醚和邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)含量

A.1 XRF screening test

XRF筛选测试

A.2 Phthalates (DBP, BBP, DEHP, DIBP) content

邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)含量

CONCLUSION

结论

Pass

合格

Pass

合格

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A RoHS Directive 2011/65/EU and amendment directives (EU) 2015/863 on Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs & PBDEs, Phthalates (DBP, BBP, DEHP, DIBP) content

RoHS指令2011/65/EU及其修正指令(EU) 2015/863, 测试铅, 镉, 汞, 六价铬, 多溴联苯, 多溴二苯醚和邻苯二甲酸酯 (DBP, BBP, DEHP, DIBP) 含量

A.1 XRF screening test

XRF筛选测试

Test Method/测试方法: IEC 62321-3-1:2013

Seq No. 序号	Tested Part(s) 测试部位	Result 测试结果				
		Pb	Cd	Hg	Cr	Br
(1)	White plastic (wire) 白色塑胶 线材	BL	BL	BL	BL	BL

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Remark:

i Result were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013.

备注:

I 测试结果为XRF荧光扫描的初步测试结果, 如果浓度超出IEC62321-3-1:2013规定的最低警戒值应进一步采用化学方法测试, 采用ICP (测Cd, Pb, Hg), UV-Vis (测 Cr(VI)), GC-MS(测 PBBs, PBDEs)。

Element 元素	Unit 单位	Polymers 聚合物	Metal 金属	Composite Material 合测材料
Cd	mg/kg	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 50 - 3\sigma < X < 150 + 3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700 - 3\sigma < X$	$BL \leq 700 - 3\sigma < X$	$BL \leq 500 - 3\sigma < X$
Br	mg/kg	$BL \leq 300 - 3\sigma < X$	--	$BL \leq 250 - 3\sigma < X$

Note:

BL = Below Limit

OL = Over Limit

IN/X = Inconclusive (questionable, need further chemical analysis)

注释:

BL = 低于限量

OL = 超出限量

IN/X = 不确定 (可疑的, 需要进一步做化学测试)

ii The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

iii The maximum permissible limit is quoted from the RoHS directive 2011/65/EU:

II RoHS 元素的XRF荧光扫描测试 – 由非均一物质组成的样品检测出来的数据与实际含量可能不同。

III 最大允许限量引用RoHS 指令 2011/65/EU:

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RoHS Restricted Substances RoHS 指令的限定物质	Maximum Concentration Value (mg/kg) (by weight in homogenous materials) 最大浓度 (mg/kg)(同种材质的重量比)
Cadmium镉 (Cd)	100
Lead铅 (Pb)	1000
Mercury汞 (Hg)	1000
Hexavalent Chromium六价铬 (Cr(VI))	1000
Polybrominated biphenyls多溴联苯 (PBBs)	1000
Polybrominated diphenylethers多溴联苯醚 (PBDEs)	1000

Disclaimers:

This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

声明：

XRF扫描报告结果仅供参考。申请人需自己根据本XRF扫描报告结果判定所提供测试的样品是否符合自己的用途。

影响XRF扫描测试结果的不确定因素很多，包括但不限于如样品大小、厚度、面积、表面平整度、仪器参数和基质效应（例如：塑胶、橡胶、金属、玻璃、陶瓷等等）。定量结果需要进一步的相关化学仪器分析以及湿式化学处理才能得出。

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A.2 Phthalates(DBP, BBP, DEHP, DIBP)content

邻苯二甲酸酯(DBP,BBP,DEHP,DIBP)含量

Test Method/测试方法: IEC 62321-8:2017

Item 项目	Unit 单位	MDL	Result 测试结果	Limit 限量
			(1)	
Dibutyl Phthalate(DBP) 邻苯二甲酸二丁酯	mg/kg	30	N.D.	1000
Benzyl Butyl Phthalate(BBP) 邻苯二甲酸丁基苄基酯	mg/kg	30	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP) 邻苯二甲酸二(2-乙基)己酯	mg/kg	30	N.D.	1000
Diisobutyl phthalate(DIBP) 邻苯二甲酸二异丁酯	mg/kg	30	N.D.	1000
Conclusion 结论	/	/	Pass 合格	/

Note:

- N.D.= Not Detected or less than MDL
- MDL = Method Detection Limit.

注释:

- N.D.=未检出或小于方法检出限
- MDL = 方法检出限。

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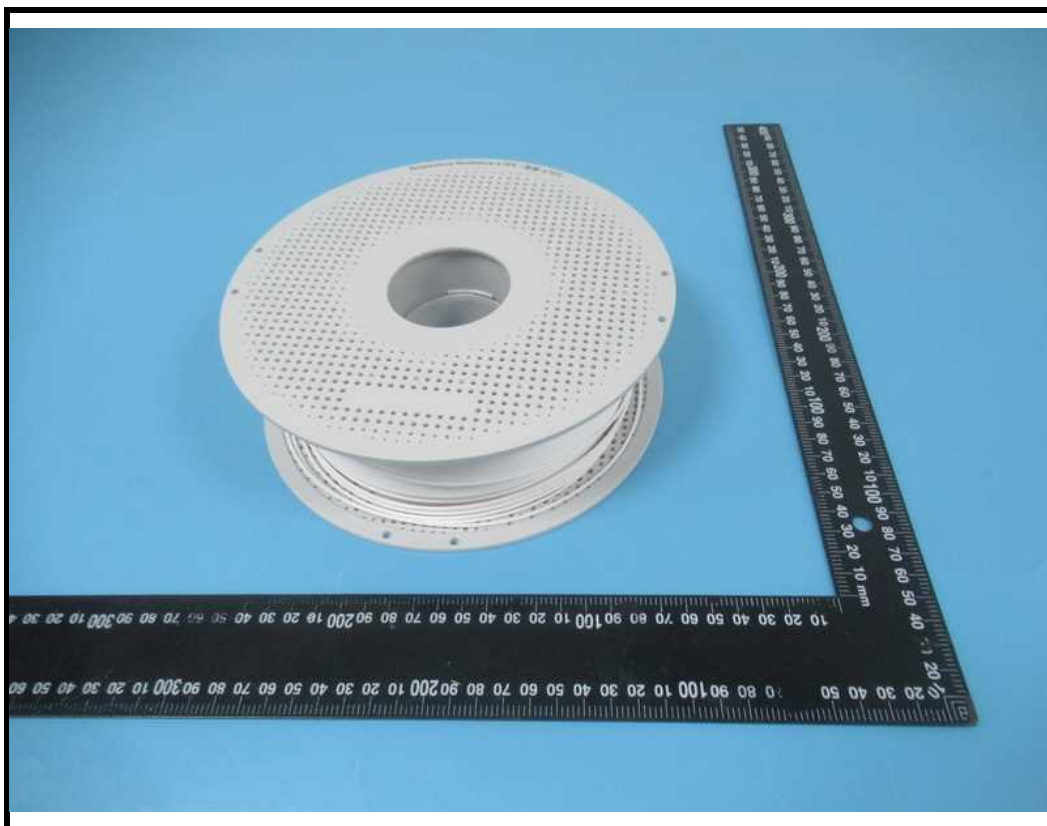
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Photograph of Sample

样品照片



BACL authenticate the photo on original report only
此图片仅限于随 BACL 正本报告使用

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除全文复制外，未经实验室批准不得部分复印报告。
- 2.Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
除非另有声明，本报告中测试结果仅与被测样品相关。测试样品默认保存30天。
- 3.This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
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- 5.The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacturer, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
本报告中申请商提供的信息，如样品描述，样品名称，材料成分，型号，订单号，制造商，年龄段，可能和报告结果的有效性相关，本实验室不对其真实性负责。
- 6.The test samples were in good condition before testing.
在进行测试前，测试样品已确认状态完好。
- 7.本报告中的数据结果用于学习、研究、内部质量控制、产品研发、科研，教学等目的。

*** End of Report ***

*** 报告结束***

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