



TEST REPORT

Report No.: 2501A89117A

Date: December 21, 2025

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Shenzhen Tuozhu Technology Co., Ltd.

深圳拓竹科技有限公司

903, West Zone, Hengchang Science and Technology Building, No. 2228 Linhai Avenue, Nanshan Street, Qianhai

Shengang Cooperation Zone, Shenzhen

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: PLA Basic
样品描述：3D打印线材

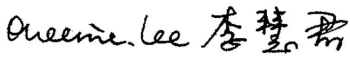
Style/Item No.: A00-W0
型号：

Sample Receiving Date: December 10, 2025
收样日期：2025 年 12 月 10 日

Testing Period: December 10, 2025 - December 15, 2025
测试周期：2025 年 12 月 10 日 - 2025 年 12 月 15 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

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Summary of Test Result:

测试结果概要:

TEST REQUEST

测试要求

CONCLUSION

结论

A. 40 CFR 751-Regulation of Certain Chemical Substances and Mixtures Under Section 6 of the Toxic Substances Control Act

40 CFR 751-《有毒物质控制法》第6节对某些化学物质和混合物的规定

A.1 Decabromodiphenyl ether(DecaBDE) content

十溴二苯醚含量

Pass

合格

A.2 Phenol, isopropylated phosphate (3:1) (PIP (3:1))content

异丙基化磷酸三苯酯含量

Pass

合格

A.3 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) content

2,4,6 三-叔丁基苯酚含量

Pass

合格

A.4 Pentachlorothiophenol (PCTP) content

五氯硫酚含量

Pass

合格

A.5 Hexachlorobutadiene (HCBd) content

六氯丁二烯含量

Pass

合格

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Result:

测试结果:

Tested part(s):

测试部位:

(1) White plastic (wire)

白色塑胶 线材

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A. 40 CFR 751-Regulation of Certain Chemical Substances and Mixtures Under Section 6 of the Toxic Substances Control Act

40 CFR 751-《有毒物质控制法》第6节对某些化学物质和混合物的规定

A.1 Decabromodiphenyl ether(DecaBDE) content

十溴二苯醚含量

Test Method: solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

测试方法: 溶剂萃取, 采用气相色谱质谱联用仪(GC-MS)进行分析。

Item 项目	Unit 单位	MDL	Result 测试结果	Limit 限量
			(1)	
Decabromodiphenyl ether (DecaBDE) 十溴二苯醚	mg/kg	5	N.D.	N.D.
Conclusion 结论	/	/	Pass 合格	/

A.2 Phenol, isopropylated phosphate (3:1) (PIP (3:1))content

异丙基化磷酸三苯酯含量

Test Method: solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

测试方法: 溶剂萃取, 采用气相色谱质谱联用仪(GC-MS)进行分析。

Item 项目	Unit 单位	MDL	Result 测试结果	Limit 限量
			(1)	
Phenol, isopropylated phosphate (3:1)(PIP (3:1)) 异丙基化磷酸三苯酯	mg/kg	5	N.D.	N.D.
Conclusion 结论	/	/	Pass 合格	/

A.3 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) content

2,4,6 三-叔丁基苯酚含量

Test Method: solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

测试方法: 溶剂萃取, 采用气相色谱质谱联用仪(GC-MS)进行分析。

Item 项目	Unit 单位	MDL	Result 测试结果	Limit 限量
			(1)	
2,4,6-tri-tert-butylphenol(2,4,6-TTBP) 2,4,6 三-叔丁基苯酚	mg/kg	50	N.D.	3000
Conclusion 结论	/	/	Pass 合格	/

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A.4 Pentachlorothiophenol (PCTP) content

五氯硫酚含量

Test Method: solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

测试方法: 溶剂萃取, 采用气相色谱质谱联用仪(GC-MS)进行分析。

Item 项目	Unit 单位	MDL	Result 测试结果	Limit 限量
			(1)	
Pentachlorothiophenol(PCTP) 五氯硫酚	mg/kg	50	N.D.	10000
Conclusion 结论	/	/	Pass 合格	/

A.5 Hexachlorobutadiene (HCBd) content

六氯丁二烯含量

Test Method: solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

测试方法: 溶剂萃取, 采用气相色谱质谱联用仪(GC-MS)进行分析。

Item 项目	Unit 单位	MDL	Result 测试结果	Limit 限量
			(1)	
Hexachlorobutadiene(HCBd) 六氯丁二烯	mg/kg	5	N.D.	N.D.
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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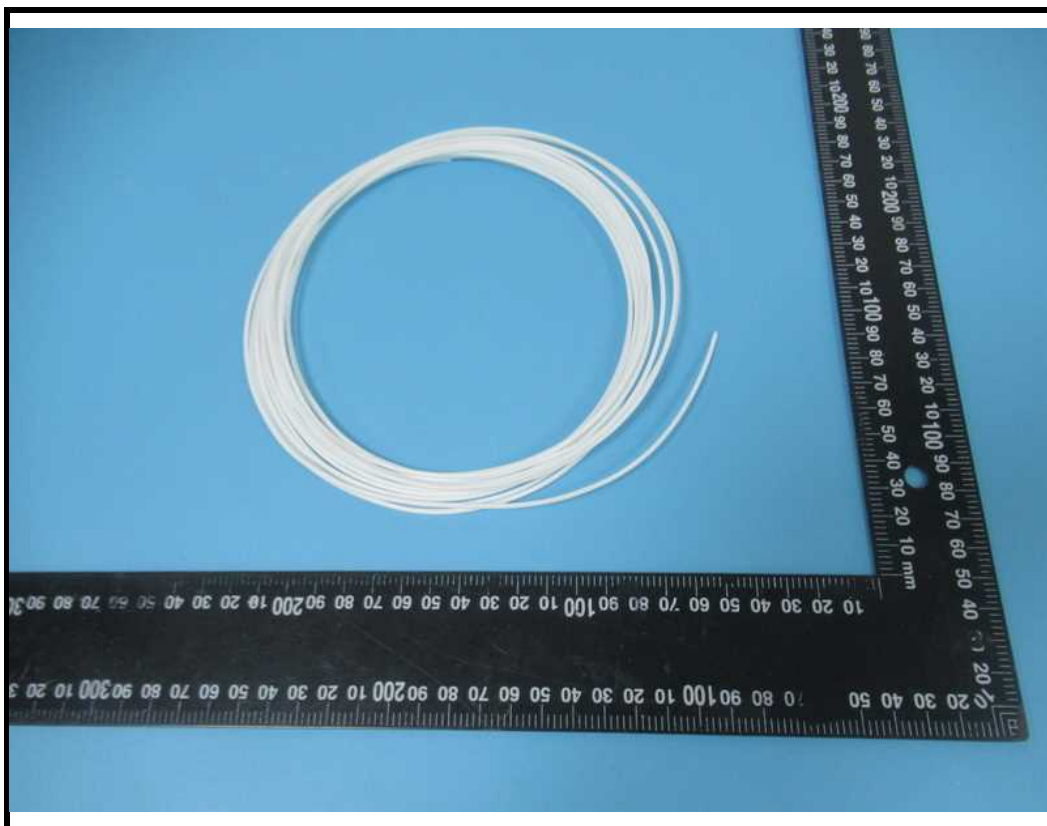
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Photograph of Sample

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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- 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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