



# TEST REPORT

Report No.: 2406X30052A

Date: September 30, 2024

Page 1 of 10

Xiamen JZCX Industry Co., Ltd

厦门集智创想工业有限公司

3-310, Wenquan Park, No.70, Longshan Middle Road, Siming District, Xiamen

厦门市思明区龙山中路70号3305室

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 Name:	Ceramic Like Resin
样品名称：	类陶瓷树脂
Country of Origin:	China
原产地：	中国
Product End Use:	For DLP/SLA/LCD 3D printers
产品最终用途：	用于DLP/SLA/LCD 3D 打印机
Sample Receiving Date:	September 25, 2024
收样日期:	2024 年 09 月 25 日
Testing Period:	September 25, 2024 - September 30, 2024
测试周期:	2024 年 09 月 25 日 - 2024 年 09 月 30 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 )

Mila 潘惠珍

Checked by:  
审核:

Mila Pan-潘惠珍

Approved by:  
核准:

Fedor Zhang-张成

# TEST REPORT

Report No.: 2406X30052A

Date: September 30, 2024

Page 2 of 10

Summary of Test Result:

测试结果概要:

## TEST REQUEST

### 测试要求

A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863  
RoHS指令2011/65/EU及其修正指令(EU) 2015/863

#### A.1 Wet Chemical Testing

##### 湿化学测试

##### A.1.1 Total Lead Content

##### 总铅含量

##### A.1.2 Total Cadmium Content

##### 总镉含量

##### A.1.3 Total Mercury Content

##### 总汞含量

##### A.1.4 Chromium VI (Cr(VI)) Content

##### 六价铬(CrVI)含量

##### A.1.5 PBBs & PBDEs content

##### 多溴联苯和多溴二苯醚含量

#### 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

Please refer to next page(s).

请参见后续页。

Please refer to next page(s).

请参见后续页。

Please refer to next page(s).

请参见后续页。

Please refer to next page(s).

请参见后续页。

Please refer to next page(s).

请参见后续页。

Please refer to next page(s).

请参见后续页。

# TEST REPORT

Report No.: 2406X30052A

Date: September 30, 2024

Page 3 of 10

**Result:**

**测试结果:**

Tested part(s):

测试部位:

(1) LT.yellow liquid(ceramic like resin)

浅黄色液体-类陶瓷树脂

- Result(s) of sample (1) shown are the total weight of wet sample(s).

样品 ( 1 ) 结果显示的是样品湿测的测试结果。

\*\*\*\*\*

# TEST REPORT

Report No.: 2406X30052A

Date: September 30, 2024

Page 4 of 10

**A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863**

**RoHS指令2011/65/EU及其修正指令(EU) 2015/863**

**A.1 Wet Chemical Testing**

**湿化学测试**

**A.1.1 Total Lead Content**

**总铅含量**

Test Method/测试方法: IEC 62321-5:2013

Item 项目	Unit 单位	RL	Result 测试结果	Limit 限量
			(1)	
Lead(Pb) 铅	mg/kg	10	N.D.	1000
Conclusion 结论	/	/	Pass 合格	/

**A.1.2 Total Cadmium Content**

**总镉含量**

Test Method/测试方法: IEC 62321-5:2013

Item 项目	Unit 单位	RL	Result 测试结果	Limit 限量
			(1)	
Cadmium(Cd) 镉	mg/kg	10	N.D.	100
Conclusion 结论	/	/	Pass 合格	/

**A.1.3 Total Mercury Content**

**总汞含量**

Test Method/测试方法: IEC 62321-4:2013+AMD1:2017

Item 项目	Unit 单位	RL	Result 测试结果	Limit 限量
			(1)	
Mercury(Hg) 汞	mg/kg	10	N.D.	1000
Conclusion 结论	/	/	Pass 合格	/

# TEST REPORT

Report No.: 2406X30052A

Date: September 30, 2024

Page 5 of 10

## A.1.4 Chromium VI (Cr(VI)) Content

### 六价铬(CrVI)含量

Test Method/测试方法: IEC 62321-7-2:2017

Item 项目	Unit 单位	RL	Result 测试结果	Limit 限量
			(1)	
hexavalent chromium(Cr(VI)) 六价铬	mg/kg	10	N.D.	1000
Conclusion 结论	/	/	Pass 合格	/

## A.1.5 PBBs & PBDEs content

### 多溴联苯和多溴二苯醚含量

Test Method/测试方法: IEC 62321-6:2015

Item 项目	Unit 单位	RL	Result 测试结果	Limit 限量
			(1)	
Monobromobiphenyl (MonoBB) 一溴联苯	mg/kg	100	N.D.	-
Dibromobiphenyl(DiBB) 二溴联苯	mg/kg	100	N.D.	-
Tribromobiphenyl(TriBB) 三溴联苯	mg/kg	100	N.D.	-
Tetrabromobiphenyl(TetraBB) 四溴联苯	mg/kg	100	N.D.	-
Pentabromobiphenyl(PentaBB) 五溴联苯	mg/kg	100	N.D.	-
Hexabromobiphenyl(HexaBB) 六溴联苯	mg/kg	100	N.D.	-
Heptabromobiphenyl (HeptaBB) 七溴联苯	mg/kg	100	N.D.	-
Octabromobiphenyl(OctaBB) 八溴联苯	mg/kg	100	N.D.	-
Nonabromobiphenyl(NonaBB) 九溴联苯	mg/kg	100	N.D.	-
Decabromobiphenyl(DecaBB) 十溴联苯	mg/kg	100	N.D.	-
Monobromodiphenyl ether (MonoBDE) 一溴二苯醚	mg/kg	100	N.D.	-

# TEST REPORT

Report No.: 2406X30052A

Date: September 30, 2024

Page 6 of 10

Item 项目	Unit 单位	RL	Result 测试结果	Limit 限量
			(1)	
Dibromodiphenyl ether (DiBDE) 二溴二苯醚	mg/kg	100	N.D.	-
Tribromodiphenyl ether (TriBDE) 三溴二苯醚	mg/kg	100	N.D.	-
Tetrabromodiphenyl ether (TetraBDE) 四溴二苯醚	mg/kg	100	N.D.	-
Pentabromodiphenyl ether (PentaBDE) 五溴二苯醚	mg/kg	100	N.D.	-
Hexabromodiphenyl ether (HexaBDE) 六溴二苯醚	mg/kg	100	N.D.	-
Heptabromodiphenyl ether (HeptaBDE) 七溴二苯醚	mg/kg	100	N.D.	-
Octabromodiphenyl ether (OctaBDE) 八溴二苯醚	mg/kg	100	N.D.	-
Nonabromodiphenyl ether (NonaBDE) 九溴二苯醚	mg/kg	100	N.D.	-
Decabromodiphenyl ether (DecaBDE) 十溴二苯醚	mg/kg	100	N.D.	-
sum of MonoBDE,DiBDE,TriBDE,TetraBDE,PentaBDE,HexaBDE,HeptaBDE,OctaBDE,NonaBDE,DecaBDE	mg/kg	-	N.D.	1000
sum of MonoBB,DiBB,TriBB,TetraBB,PentaBB,HexaBB,HeptaBB,OctaBB,NonaBB,DecaBB	mg/kg	-	N.D.	1000
Conclusion 结论	/	/	Pass 合格	/

# TEST REPORT

Report No.: 2406X30052A

Date: September 30, 2024

Page 7 of 10

Remark:

备注:

The maximum permissible limit is quoted from RoHS directive 2011/65/EU its amendment directives:

最大允许限量引用RoHS 指令 2011/65/EU及其修正指令:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg)
RoHS 指令的限定物质	(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 多溴二苯醚(PBDEs)	1000

Note:

注释:

- N.D. = Not Detected or less than RL  
N.D. = 未检出或小于报告限
- RL = Report Limit  
RL = 报告限
- mg/kg = ppm
- The results less than RL are not taken into account while calculating the sum contents.  
加和含量计算时未计入小于报告限的结果。

## 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	RL	Result 测试结果	Limit 限量
			(1)	
Dibutyl Phthalate(DBP) 邻苯二甲酸二丁酯	%	0.010	N.D.	0.1
Benzyl Butyl Phthalate(BBP) 邻苯二甲酸丁基苄基酯	%	0.010	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP) 邻苯二甲酸二(2-乙基)己酯	%	0.010	N.D.	0.1
Diisobutyl phthalate(DIBP) 邻苯二甲酸二异丁酯	%	0.010	N.D.	0.1
Conclusion 结论	/	/	Pass 合格	/

# TEST REPORT

**Report No.: 2406X30052A**

Date: September 30, 2024

Page 8 of 10

Note:

注释:

- N.D. = Not Detected or less than RL  
N.D. = 未检出或小于报告限
- RL = Report Limit  
RL = 报告限
- 0.1% = 1000mg/kg, mg/kg = ppm

\*\*\*\*\*



# TEST REPORT

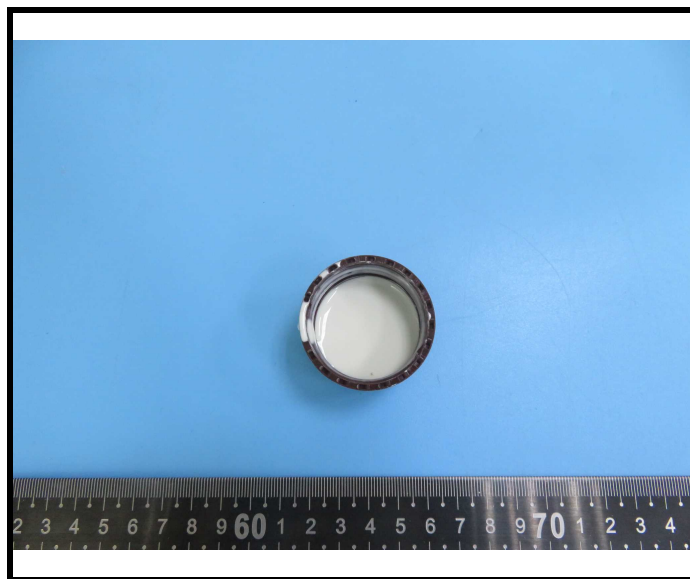
Report No.: 2406X30052A

Date: September 30, 2024

Page 9 of 10

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

# TEST REPORT

Report No.: 2406X30052A

Date: September 30, 2024

Page 10 of 10

Statement:

声明：

- 1.This report cannot be reproduced except in full, without prior written approval of the Company.  
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.  
本报告的有效性取决于本报告中电子签章的有效性。电子签章只适用于在Adobe系列软件7.0以上版本中查看。
- 4.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.  
除非申请商要求或产品法规另有规定，否则本报告判定规则不考虑不确定度。
- 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.The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.  
本报告给出的扩展不确定度是由合成标准不确定度乘以包含概率约为95%时对应的包含因子k得到的。
- 8.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\*\*\*