

Test Report 检测报告

Report No. 报告编号:
U06501251222601-1ZQuery Password
查询密码: QW4704Date: Dec. 25, 2025
日期: 2025 年 12 月 25 日Page 1 of 8
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Applicant

委托单位:

Beihai Xinyuanda Printing Materials Co., Ltd.

北海鑫远大印刷材料有限公司

Contact information

联络信息:

Room 104, Unit 4, Building 1, Rose Manor, No.37 Minsheng Road, Lianzhou Town,
Hepu County, Beihai City

北海市合浦县廉州镇民生路 37 号玫瑰郡 1 栋四单元 104 号房

The following sample(s) was (were) submitted and identified by client as:

以下测试样品信息由申请者所提供确认:

Sample Name 样品名称

: INK 油墨

Item No. 货号

: SE, SE-A, SA, SA-A, AS, AS-A, SSY, SSY-A, 500, 600,
HH, HH-A, HHS, HAA, HO, SGA40, 90, HS, 1300A, YD,
YD40, YDUV-A, YDUV, YD90, PU, TPU, C11, ABS, ABS10,
ABS11, ABS30, ABS40, ABS80, 1300A, SPY, PS, PP, UV90,
PET, SZ-A, PSA, YDS-2, YHC, YHA, YHS, YS-A, YHO, YSG,
PPE-A, PPT, SGA, ABS61, AYD, AYD-63, UVA, WL, YSA,
YS, HH-2, YDS, YDUV-2, PS60, YDPE, YDPP, T850-T880,
AYD-2, AYD-3, 固化剂混合物

Material No: 料号

: 110、102、203、206、209、300、302、3028、3038、304、305、
401、403、404、406、408、501、601、131、140、134、159、
160、804、9001、9002、9003、9004、9005、9006、9007、9008、
9010、9011、9012、哑浆、呼浆、固化剂

Received Date 接收日期

: Dec. 22, 2025
2025 年 12 月 22 日

Testing Period 检测日期

: From Dec. 22, 2025 to Dec. 25, 2025
2025 年 12 月 22 日 ~ 2025 年 12 月 25 日

Test Request 检测要求

: Please refer to next page(s). 请参见下页

Test Result(s)检测结果

: Please refer to next page(s). 请参见下页

Shen Zhen UONE Test Co., LTD.

深圳市宇冠检测有限公司

Approved by 签发人

Mars Dong 董轩

Mars Dong 董轩

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Summary of Test Results 检测内容:

TEST REQUEST 测试要求CONCLUSION 结论

- (1) RoHS Directive 2011/65/EU and its subsequent amendments Directive (EU) 2015/863

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

Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)),
Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers
(PBDEs), Phthalates (DBP, BBP, DEHP, DIBP)

铅 (Pb)、镉 (Cd)、汞 (Hg)、六价铬 (Cr(VI))、多溴联苯 (PBBs) 和多
溴二苯醚 (PBDEs)、邻苯二甲酸盐 (酯) (DBP、BBP、DEHP、DIBP)

PASS
合格

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Test Material(s) List 测试材料清单:

Material No. 材料编号	Description (Location) 描述 (位置)
1	Light gray ink 浅灰色油墨

Remark: The test result(s) of Material No. 1 is(are) based on dry sample.

备注: 材料编号 No. 1 的测试结果是基于干样测试

Test result(s)测试结果:

(1) Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs), Phthalates

铅 (Pb)、镉 (Cd)、汞 (Hg)、六价铬 (Cr(VI))、多溴联苯 (PBBs) 和多溴二苯醚 (PBDEs)、邻苯二甲酸盐 (酯) (DBP、BBP、DEHP、DIBP)

(1.1) Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI))

铅 (Pb)、镉 (Cd)、汞 (Hg)、六价铬 (Cr(VI))

Test Method: With reference to IEC 62321-5: 2013, IEC62321-4: 2013+A1:2017, IEC 62321-7-1: 2015 or IEC 62321-7-2: 2017, analyzed by ICP-OES & UV-Vis.

测试方法: 参考 IEC 62321-5: 2013, IEC62321-4: 2013+A1:2017, IEC 62321-7-1: 2015 或 IEC 62321-7-2: 2017, 使用 ICP-OES & UV-Vis 分析。

Test Items 检测项目	Unit 单位	MDL	Limit 限值	Test result 测试结果
				1
Lead 铅 (Pb)	mg/kg	2	1000	N.D.
Cadmium 镉 (Cd)	mg/kg	2	100	N.D.
Mercury 汞 (Hg)	mg/kg	2	1000	N.D.
Hexavalent Chromium 六价铬(Cr(VI))	mg/kg	8	1000	N.D.
Conclusion 结论				PASS 合格

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(1.2) Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs)

多溴联苯（PBBs）和多溴二苯醚（PBDEs）

Test Method: With reference to IEC 62321-6:2015, was analyzed by Gas Chromatographic - Mass Spectrometer (GC-MS).

测试方法：参考 IEC 62321-6:2015，使用气相色谱质谱联用仪（GC-MS）分析。

Test Items 检测项目	Unit 单位	MDL	Limit 限值	Test result 测试结果
				1
Mono-bromobiphenyl 一溴联苯	mg/kg	5	/	N.D.
Di-bromobiphenyl 二溴联苯	mg/kg	5	/	N.D.
Tri-bromobiphenyl 三溴联苯	mg/kg	5	/	N.D.
Tetra-bromobiphenyl 四溴联苯	mg/kg	5	/	N.D.
Penta-bromobiphenyl 五溴联苯	mg/kg	5	/	N.D.
Hexa-bromobiphenyl 六溴联苯	mg/kg	5	/	N.D.
Hepta-bromobiphenyl 七溴联苯	mg/kg	5	/	N.D.
Octa-bromobiphenyl 八溴联苯	mg/kg	5	/	N.D.
Nona-bromobiphenyl 九溴联苯	mg/kg	5	/	N.D.
Deca-bromobiphenyl 十溴联苯	mg/kg	5	/	N.D.
Polybrominated Biphenyls 多溴联苯(PBBs)	mg/kg	/	1000	N.D.
Mono-bromodiphenyl ether 一溴二苯醚	mg/kg	5	/	N.D.
Di-bromodiphenyl ether 二溴二苯醚	mg/kg	5	/	N.D.
Tri-bromodiphenyl ether 三溴二苯醚	mg/kg	5	/	N.D.
Tetra-bromodiphenyl ether 四溴二苯醚	mg/kg	5	/	N.D.
Penta-bromodiphenyl ether 五溴二苯醚	mg/kg	5	/	N.D.
Hexa-bromodiphenyl ether 六溴二苯醚	mg/kg	5	/	N.D.
Hepta-bromodiphenyl ether 七溴二苯醚	mg/kg	5	/	N.D.
Octa-bromodiphenyl ether 八溴二苯醚	mg/kg	5	/	N.D.
Nona-bromodiphenyl ether 九溴二苯醚	mg/kg	5	/	N.D.
Deca-bromodiphenyl ether 十溴二苯醚	mg/kg	5	/	N.D.
Polybrominated DiphenylEthers 多溴二苯醚 (PBDEs)	mg/kg	/	1000	N.D.
Conclusion 结论				PASS 合格

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(1.3) Phthalates 邻苯二甲酸盐 (酯) (DBP, BBP, DEHP, DIBP)

Test Method: With reference to IEC 62321-8: 2017, analyzed by gas chromatographic- mass spectrometer (GC-MS).

测试方法: 参考 IEC 62321-8: 2017, 使用气相色谱质谱联用仪 (GC-MS) 分析。

Test Substances 检测物质	CAS No. CAS 号	Unit 单位	MDL	Limit 限值	Test result 测试结果
					1
Dibutyl phthalate 邻苯二甲酸二丁酯 (DBP)	84-74-2	mg/kg	20	1000	N.D.
Butyl benzyl phthalate 邻苯二甲酸丁苄酯 (BBP)	85-68-7	mg/kg	20	1000	N.D.
Di(2-ethylhexyl) phthalate 邻苯二甲酸二(2-乙基)己酯 (DEHP)	117-81-7	mg/kg	20	1000	N.D.
Diisobutyl phthalate 邻苯二甲酸二异丁酯(DIBP)	84-69-5	mg/kg	20	1000	N.D.
Conclusion 结论					PASS 合格

- Note 备注:**
1. mg/kg = milligram per kilogram (ppm). mg/kg = 毫克每千克(ppm)。
 2. “/”=Not regulated. “/” =无规定。
 3. MDL= method detection limit. MDL= 方法检出限。
 4. N.D.=not detected(less than MDL). N.D. = 未检测到 (小于 MDL) 。

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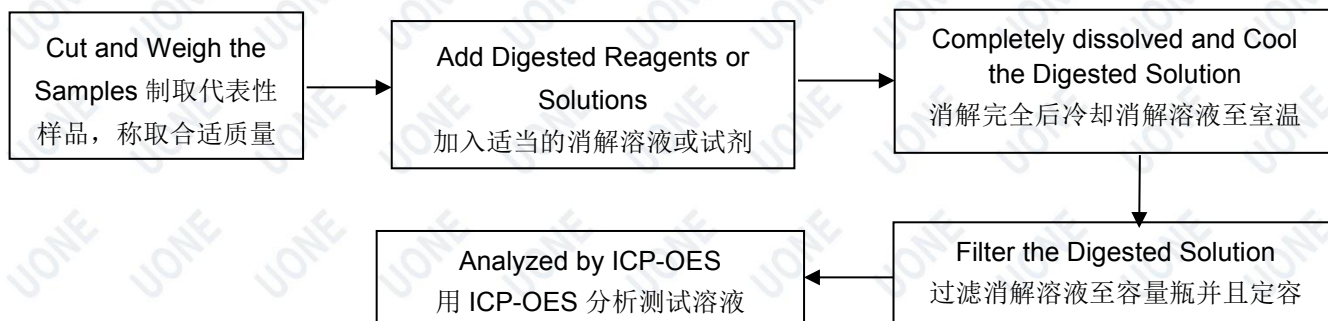
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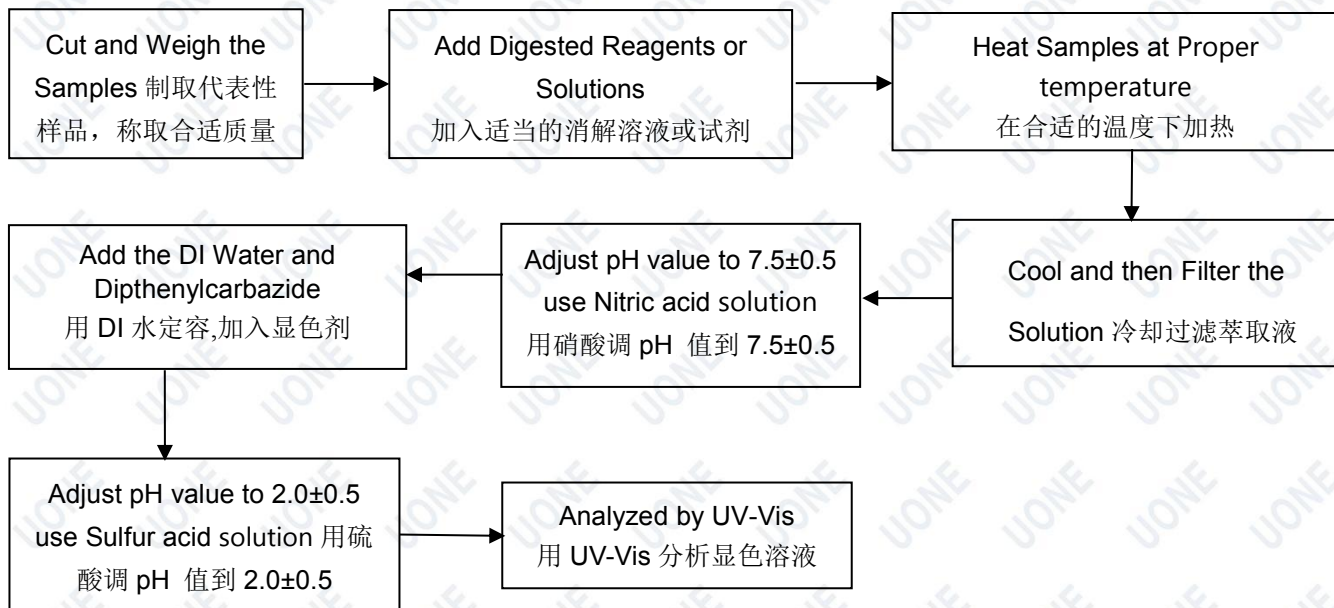
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Test Process Flow 检测流程图

1. Lead, Cadmium, Mercury 铅、镉、汞



2. Hexavalent Chromium (Non-metal) 六价铬 (非金属)



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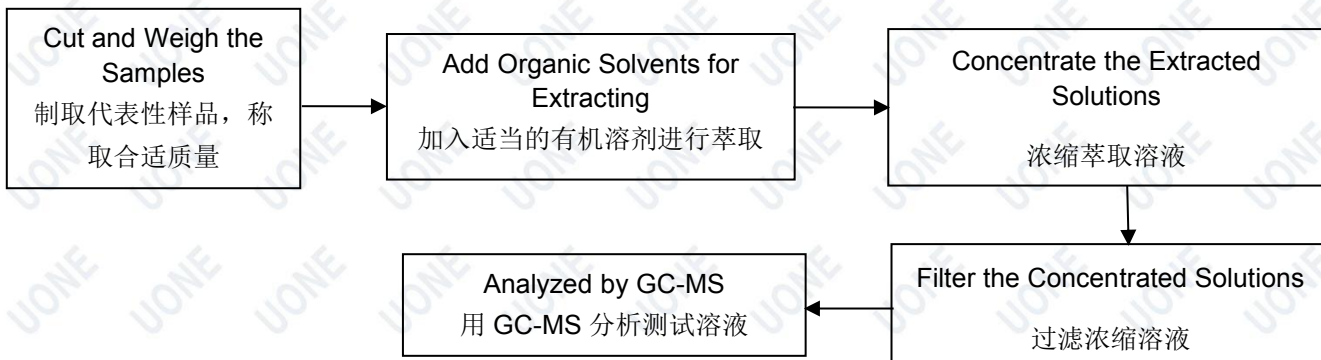
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Test Process Flow (Continued):

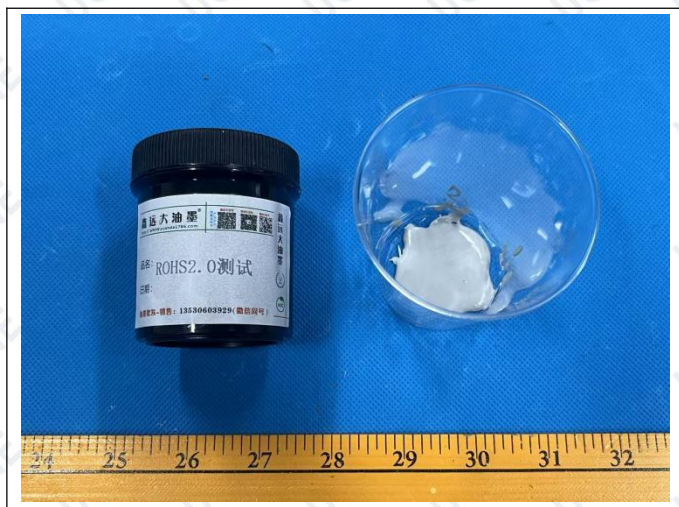
检测流程图（续上页）:

3. PBBs & PBDEs, Phthalates 多溴联苯和多溴二苯醚, 邻苯二甲酸盐 (酯)



Photo(s) of Sample

样品图片



End of Report 报告结束

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Statement 声明

1.The information listed on the first page of this test report, except the date of receipt, test date, test result and test conclusion, is provided by the client. The client shall be responsible for the representativeness of sample and authenticity of materials, for which UONE shall bear no responsibilities.

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