

# 检测报告 Test Report

报告编号 SCL01H000813001E  
Report No. SCL01H000813001E

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申请单位 东莞市全创高分子制品有限公司  
Applicant DONGGUAN QUANCHUANG POLYMER PRODUCTS CO., LTD  
地 址 东莞市茶山镇增埗沙墩麒麟城工业区  
Address SHADUN KYLIN CITY INDUSTRIAL ZONE, ZENGBU VILLAGE, CHASHAN TOWN, DONGGUAN CITY

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

样品名称 PU 泡棉  
Sample Name PU FOAM  
样品型号 RC 3065 RC3040 RC5565 RC6565 RC5070 RC3030EP RC6540  
Part No. RC 3065 RC3040 RC5565 RC6565 RC5070 RC 3030EP  
样品颜色 黑色  
Color Black  
材料名称 聚氨酯  
Material PU  
样品接收日期 2017.08.06  
Sample Received Date Aug. 6, 2017  
样品检测日期 2017.08.06-2017.08.09  
Testing Period Aug. 6, 2017 to Aug. 9, 2017

检测要求 根据客户要求, 对所提交样品中的铅(Pb), 镉(Cd), 汞(Hg), 六价铬(Cr(VI)), 多溴联苯(PBBs), 多溴二苯醚(PBDEs), 六溴环十二烷(HBCDD), 邻苯二甲酸酯进行测试。

Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyl(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Hexabromocyclododecane (HBCDD), Phthalates in the submitted sample(s).

检测依据/检测结果 请参见下页。

Test Method/Test Result(s) Please refer to the following page(s).

主 检 Sky  
Tested by \_\_\_\_\_  
批 准 Danny Liu  
Approved by \_\_\_\_\_

审 核 Cathy  
Reviewed by \_\_\_\_\_  
日 期 \_\_\_\_\_  
Date 2017.08.09

Danny Liu  
Technical Manager  
深圳市华测检测技术股份有限公司  
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结论 Conclusion

测试样品 Tested Sample	依据指令 According to directive	结果 Result
提交样品 Submitted Sample	2011/65/EU*	合格 Pass

\*\*\*\*\*

\*2011/65/EU 为欧盟 RoHS 指令 (2002/95/EC) 的重订指令。该指令对电子电器产品中的特定有毒有害物质 (铅(Pb), 镉(Cd), 汞(Hg), 六价铬(Cr(VI)), 多溴联苯(PBBs), 多溴二苯醚(PBDEs)) 限制使用。合格表示检测结果不超过欧盟 RoHS 指令 2011/65/EU 要求的限值。

\*2011/65/EU is a new version of RoHS Directive (2002/95/EC), which focuses on restriction of the use of certain hazardous substances (Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)) in electrical and electronic equipment.

Pass means that the results shown on the report do not exceed the limits set by RoHS Directive 2011/65/EU.

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### 检测依据 Test Method

测试项目 Test Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅(Pb) Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
镉(Cd) Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
汞(Hg) Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
六价铬(Cr(VI)) Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis
多溴联苯(PBBs) Polybrominated Biphenyl(PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
多溴二苯醚(PBDEs) Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS
六溴环十二烷(HBCDD) Hexabromocyclododecane (HBCDD)	参考US EPA 3540C:1996 & US EPA 8270D:2007 Refer to US EPA 3540C:1996 & US EPA 8270D:2007	GC-MS
邻苯二甲酸酯 Phthalates	参考 EN 14372:2004(E) Refer to EN 14372:2004(E)	GC-MS

### 检测结果 Test Result(s)

测试项目 Test Item(s)	结果 Result	方法检测限 MDL	2011/65/EU 指令限 值 Limit of Directive 2011/65/EU
铅(Pb) Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
镉(Cd) Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
汞(Hg) Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
六价铬(Cr(VI)) Hexavalent Chromium (Cr(VI))	N.D.	2 mg/kg	1000 mg/kg

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测试项目 Test Item(s)	结果 Result	方法检测限 MDL	2011/65/EU 指令限值 Limit of Directive 2011/65/EU
<b>多溴联苯(PBBs) Polybrominated Biphenyl(PBBs)</b>			
一溴联苯 Monobromobiphenyl	N.D.	5 mg/kg	1000 mg/kg
二溴联苯 Dibromobiphenyl	N.D.	5 mg/kg	
三溴联苯 Tribromobiphenyl	N.D.	5 mg/kg	
四溴联苯 Tetrabromobiphenyl	N.D.	5 mg/kg	
五溴联苯 Pentabromobiphenyl	N.D.	5 mg/kg	
六溴联苯 Hexabromobiphenyl	N.D.	5 mg/kg	
七溴联苯 Heptabromobiphenyl	N.D.	5 mg/kg	
八溴联苯 Octabromobiphenyl	N.D.	5 mg/kg	
九溴联苯 Nonabromobiphenyl	N.D.	5 mg/kg	
十溴联苯 Decabromobiphenyl	N.D.	5 mg/kg	

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测试项目 Test Item(s)	结果 Result	方法检测限 MDL	2011/65/EU 指令限值 Limit of Directive 2011/65/EU
<b>多溴二苯醚(PBDEs) Polybrominated Diphenyl Ethers(PBDEs)</b>			
一溴二苯醚 Monobromodiphenyl ether	N.D.	5 mg/kg	1000 mg/kg
二溴二苯醚 Dibromodiphenyl ether	N.D.	5 mg/kg	
三溴二苯醚 Tribromodiphenyl ether	N.D.	5 mg/kg	
四溴二苯醚 Tetrabromodiphenyl ether	N.D.	5 mg/kg	
五溴二苯醚 Pentabromodiphenyl ether	N.D.	5 mg/kg	
六溴二苯醚 Hexabromodiphenyl ether	N.D.	5 mg/kg	
七溴二苯醚 Heptabromodiphenyl ether	N.D.	5 mg/kg	
八溴二苯醚 Octabromodiphenyl ether	N.D.	5 mg/kg	
九溴二苯醚 Nonabromodiphenyl ether	N.D.	5 mg/kg	
十溴二苯醚 Decabromodiphenyl ether	N.D.	5 mg/kg	

测试项目 Test Item(s)	结果 Result	方法检测限 MDL
六溴环十二烷 (HBCDD) Hexabromocyclododecane (HBCDD)	N.D.	5 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检测限 MDL
<b>邻苯二甲酸酯 Phthalates</b>		
邻苯二甲酸二正丁酯 (DBP) Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	50 mg/kg
邻苯二甲酸丁基苄酯 (BBP) Butylbenzyl phthalate(BBP) CAS#:85-68-7	N.D.	50 mg/kg
邻苯二甲酸二(2-乙基己基)酯 (DEHP) Di-2-ethylhexyl phthalate(DEHP) CAS#:117-81-7	N.D.	50 mg/kg

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测试样品/部位描述

黑色泡棉

Tested Sample/Part Description

Black foam

注释: 对于检测铅, 镉, 汞之样品已完全溶解。

-N.D. = 未检出 (小于方法检测限)

-mg/kg= ppm = 百万分之几

**Note: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.**

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL) -

mg/kg = ppm = parts per million

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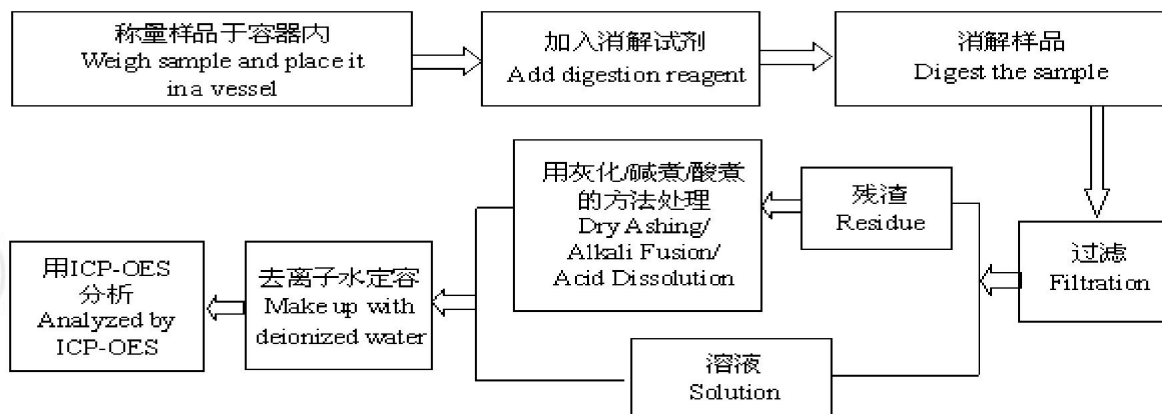
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### 检测流程 Test Process

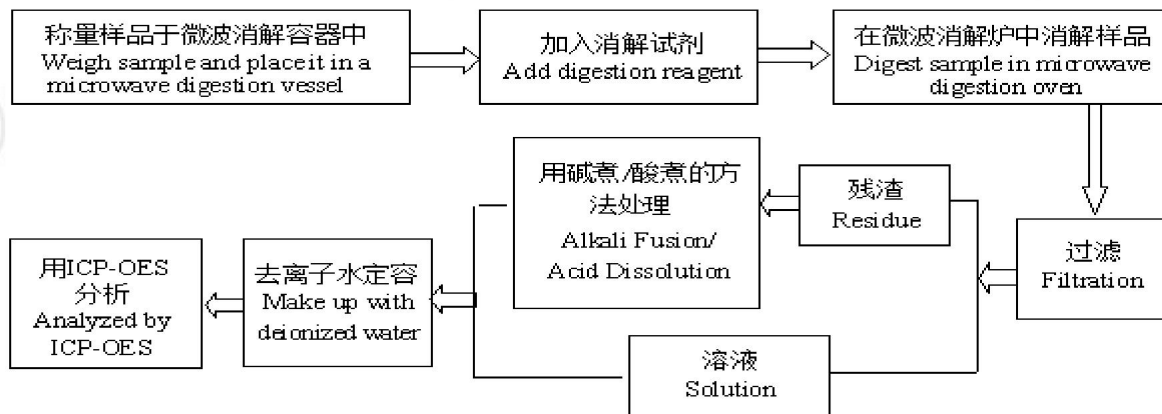
#### 1. 铅(Pb), 镉(Cd)

##### Lead (Pb), Cadmium (Cd)



#### 2. 汞(Hg)

##### Mercury (Hg)



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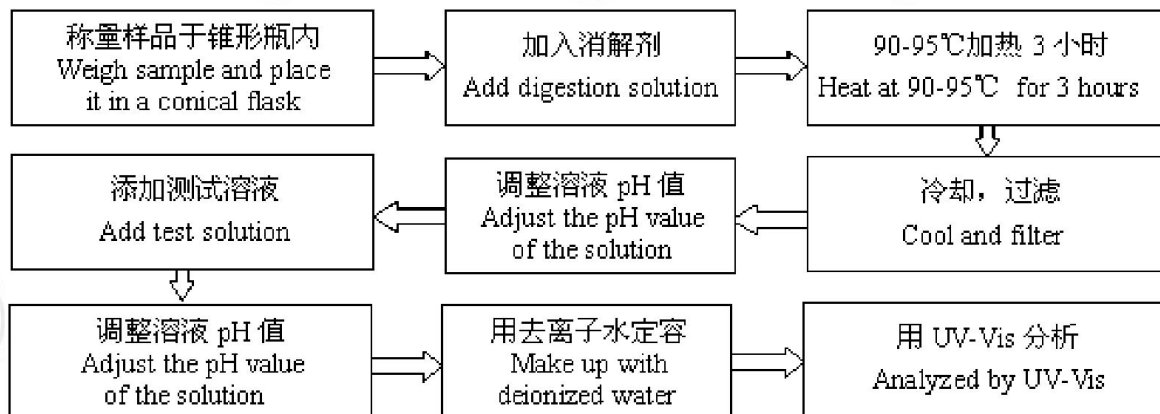
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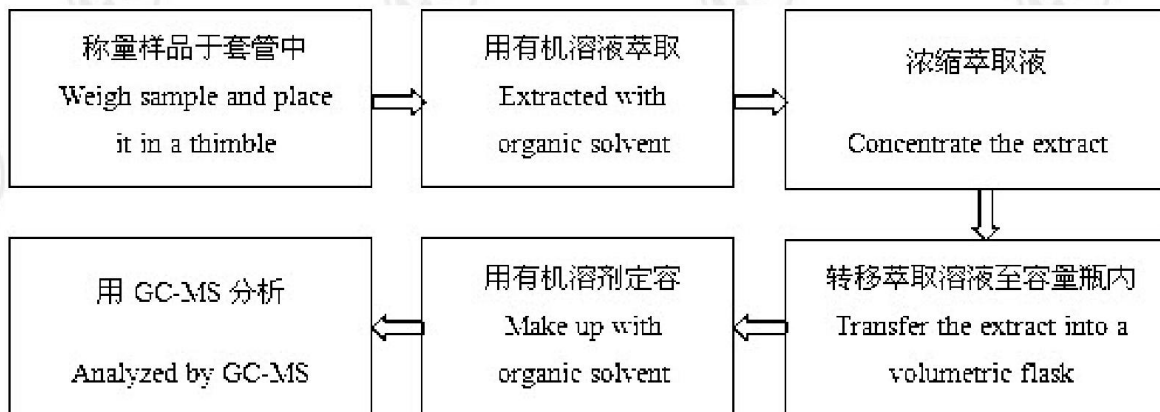
### 3. 六价铬(Cr(VI))

#### Hexavalent Chromium(Cr(VI))



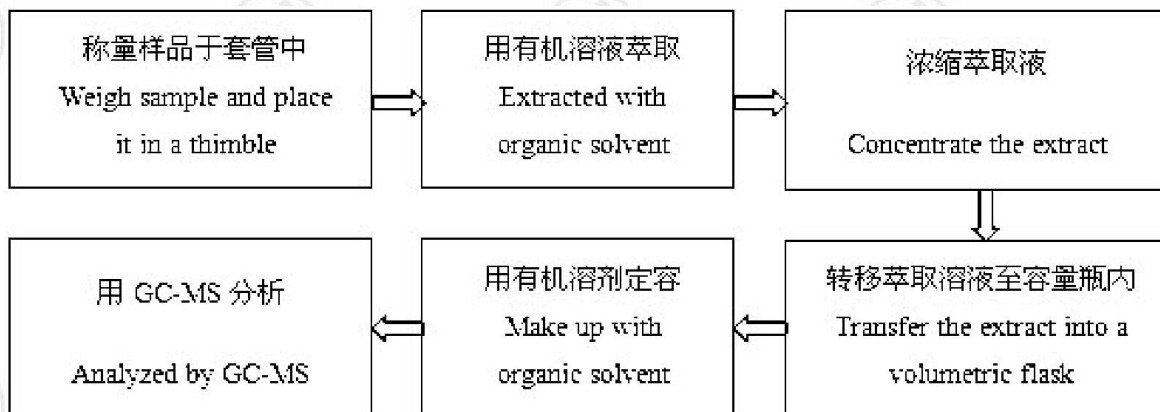
### 4. 邻苯二甲酸酯

#### Phthalates



### 5. 多溴联苯(PBBs), 多溴二苯醚(PBDEs)

#### Polybrominated Biphenyl(PBBs) , Polybrominated Diphenyl Ethers(PBDEs)



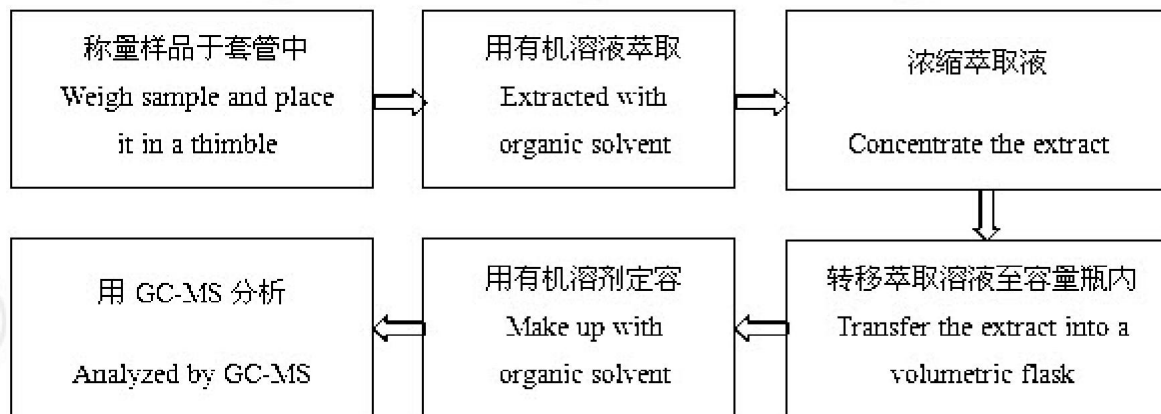


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6. 六溴环十二烷 (HBCDD)  
Hexabromocyclododecane (HBCDD)



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## 样品图片 Photo(s) of the sample(s)

**\*\*\*报告结束\*\*\***  
\*\*\* End of report \*\*\*

检测报告无批准人签字及“报告专用章”无效，本报告检测结果仅对受测样品负责。未经 CTI 书面同意，不得部分复制本报告。

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