

报告编号 Rep. No.SET2021-04609

检测报告

TEST REPORT

委托单位名称 Client Name	东莞市天一塑胶科技有限公司 Dongguan Tianyi Plastic Technology Co., Ltd.
产品名称 Name of product	TPE, TPR, TPV, TPU
制造厂商 Manufacturer	东莞市天一塑胶科技有限公司 Dongguan Tianyi Plastic Technology Co., Ltd.
型号 Model	-----
检测类别 Test sort	委托检测 Commission Test



中检集团南方测试股份有限公司
CCIC Southern Testing Co.,Ltd.

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客户信息 Customer information	委托单位 Client	东莞市天一塑胶科技有限公司 Dongguan Tianyi Plastic Technology Co., Ltd.
	地址 Address	东莞市樟木头镇樟罗第二工业区 B 区 G 栋 1 楼 1/F, Building G, District B, Zhangluo 2 nd Industrial District, Zhangmutou Town, Dongguan City.
样品信息 Sample information	样品名称 Name of sample	TPE, TPR, TPV, TPU
	型号 Model	----
	制造商 Manufacturer	东莞市天一塑胶科技有限公司 Dongguan Tianyi Plastic Technology Co., Ltd.
	地址 Address	东莞市樟木头镇樟罗第二工业区 B 区 G 栋 1 楼 1/F, Building G, District B, Zhangluo 2 nd Industrial District, Zhangmutou Town, Dongguan City.
检测信息 Test information	收样日期 Sample Received	2021.04.16
	检测周期 Testing Period	2021.04.16~2021.04.23
	检测类别 Test sort	委托检测 Commission Test
	检测项目 Item Requested	(1) 镉 Cd, 铅 Pb, 汞 Hg, 六价铬 Cr(VI), 多溴联苯 PBBs, 多溴二苯醚 PBDEs (2) 四种邻苯二甲酸盐(DIBP, DEHP, BBP, DBP)
	检测依据 Standard/Foundation	(1) 依据 IEC 62321-5:2013, 使用 ICP-OES 测定聚合物和电子材料中的镉、铅和铬, 以及金属中的镉和铅 According to IEC 62321-5:2013, Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by ICP-OES 依据 IEC 62321-4:2013 +A1:2017, 使用 ICP-OES 测定聚合物、金属和电子材料中的汞 According to IEC 62321-4:2013 +A1:2017, Mercury in polymers, metals and electronics by ICP-OES 依据 IEC 62321-7-2:2017, 比色法测定六价铬 According to IEC 62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric method 依据 IEC 62321-6:2015, 使用 GC-MS 测定多溴联苯和多溴二苯醚 According to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS (2) 参考方法: IEC62321-8:2017; 分析仪器: 气相色谱质谱联用仪 GC-MS With reference to IEC62321-8:2017, and analysis was performed by GC-MS.
	检测结论 Conclusion	所检样品符合 RoHS 指令(2011/65/EU)和(EU)2015/863 修订指令。 The tested sample complied with RoHS directive (2011/65/EU) and amending directive (EU)2015/863.
备注 Remark	----	

主检 Tested By:

Sven

审核 Checked By:

Kuangweidong

批准 Approved By:

Xu Peng

日期 Date:

Apr. 25, 2021

日期 Date:

Apr. 25, 2021

日期 Date:

Apr. 25, 2021

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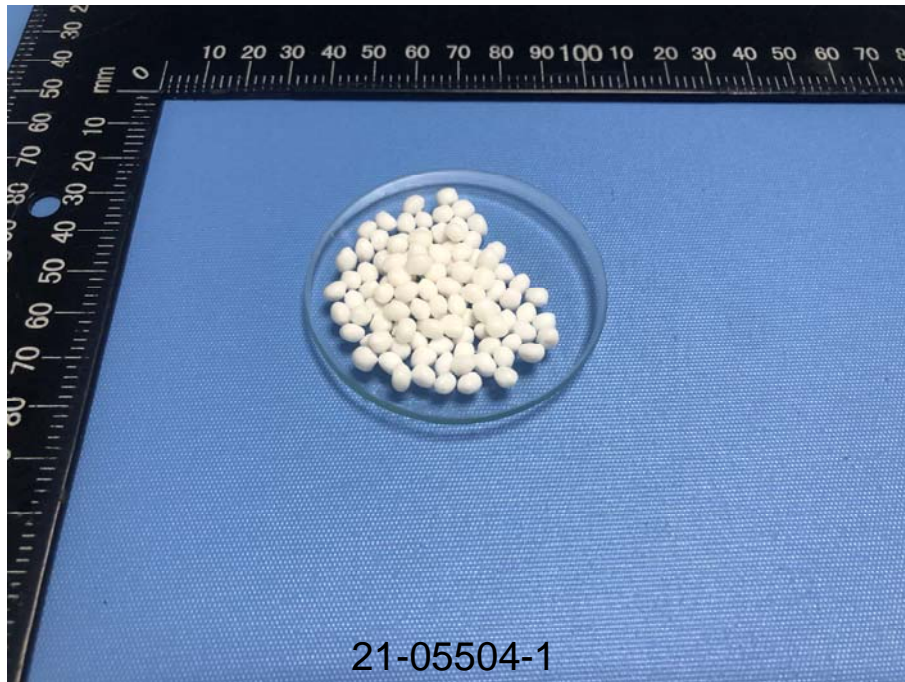
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样品描述 Tested components Description:

编号 Specimen No.	描述内容 Components Description	颜色材质 Color and Material	项目 Item
21-05504-1	TPE, TPR, TPV, TPU	白色塑胶颗粒 White plastic grains	镉 Cd, 铅 Pb, 汞 Hg, 六价铬 Cr(VI), 多溴 联苯 PBB, 多溴二苯 醚 PBDEs, 四种邻苯 二甲酸盐(DIBP, DEHP, BBP, DBP)

样品照片 Sample Photo:





检测结果 Test Results:

检测项目 Testing Item (s)	编号 Specimen No.	浓度 Concentration (mg/kg)	MDL (mg/kg)	限值 Required Limit (mg/kg)
	21-05504-1			
镉 Cd		N.D.	2	<100
六价铬 Cr(VI)		N.D.	8	<1000
汞 Hg		N.D.	2	<1000
铅 Pb		N.D.	2	<1000
一溴联苯 Monobromobiphenyl		N.D.	5	----
二溴联苯 Dibromobiphenyl		N.D.	5	----
三溴联苯 Tribromobiphenyl		N.D.	5	----
四溴联苯 Tetrabromobiphenyl		N.D.	5	----
五溴联苯 Pentabromobiphenyl		N.D.	5	----
六溴联苯 Hexabromobiphenyl		N.D.	5	----
七溴联苯 Heptabromobiphenyl		N.D.	5	----
八溴联苯 Octabromobiphenyl		N.D.	5	----
九溴联苯 Nonabromobiphenyl		N.D.	5	----
十溴联苯 Decabromobiphenyl		N.D.	5	----
多溴联苯 Polybrominated Biphenyls (PBBs)		N.D.	----	<1000
一溴二苯醚 Monobromodiphenyl ether		N.D.	5	----
二溴二苯醚 Dibromodiphenyl ether		N.D.	5	----
三溴二苯醚 Tribromodiphenyl ether		N.D.	5	----
四溴二苯醚 Tetrabromodiphenyl ether		N.D.	5	----
五溴二苯醚 Pentabromodiphenyl ether		N.D.	5	----
六溴二苯醚 Hexabromodiphenyl ether		N.D.	5	----
七溴二苯醚 Heptabromodiphenyl ether		N.D.	5	----
八溴二苯醚 Octabromodiphenyl ether		N.D.	5	----
九溴二苯醚 Nonabromodiphenyl ether		N.D.	5	----
十溴二苯醚 Decabromodiphenyl ether		N.D.	5	----
多溴二苯醚 Polybrominated Diphenyl ethers (PBDEs)		N.D.	----	<1000

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检测项目 Testing Item (s)	编号 Specimen No.	浓度 Concentration (mg/kg)	MDL (mg/kg)	限值 Required Limit (mg/kg)
	21-05504-1			
邻苯二甲酸(2-乙基己基)酯(DEHP) Di-2-ethylhexyl phthalate		N.D.	30	<1000
邻苯二甲酸二正丁酯(DBP) Dibutyl phthalate		N.D.	30	<1000
邻苯二甲酸丁基苄酯(BBP) Benzylbutyl phthalate		N.D.	30	<1000
邻苯二甲酸二异丁酯(DIBP) Diisobutyl phthalate		N.D.	30	<1000
结论 (P/F) Conclusion(P/F)		P		-----

备注 Note:

-P =合格 P = Pass, F =不合格 F = Fail, mg/kg=ppm

-MDL = 方法检出限 Method Detection Limit

-N.D. =未检出 Not Detected (<方法检出限 MDL)

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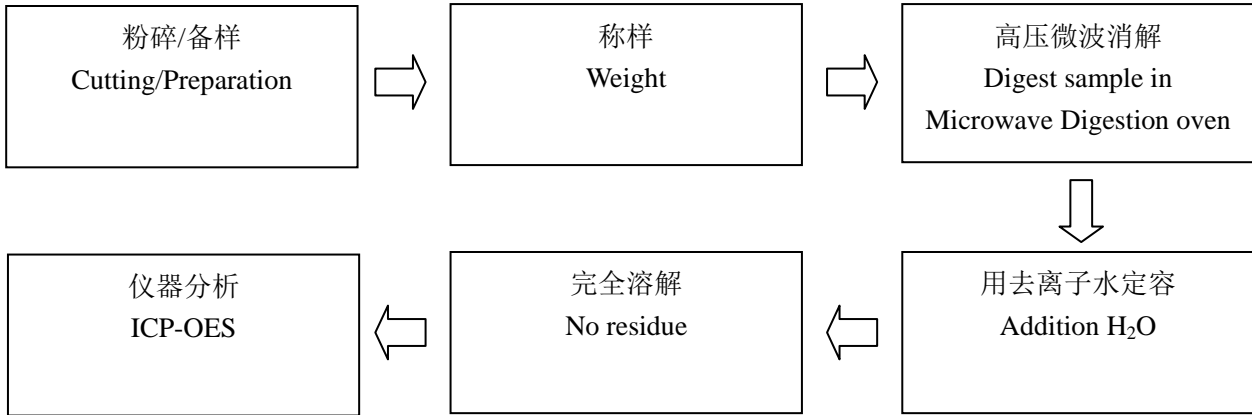
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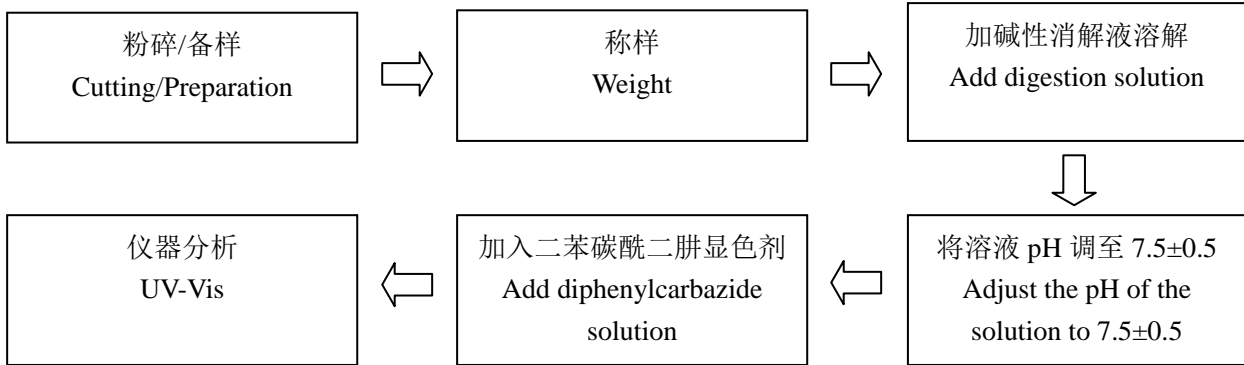


检测流程图 Testing Flow Chart:

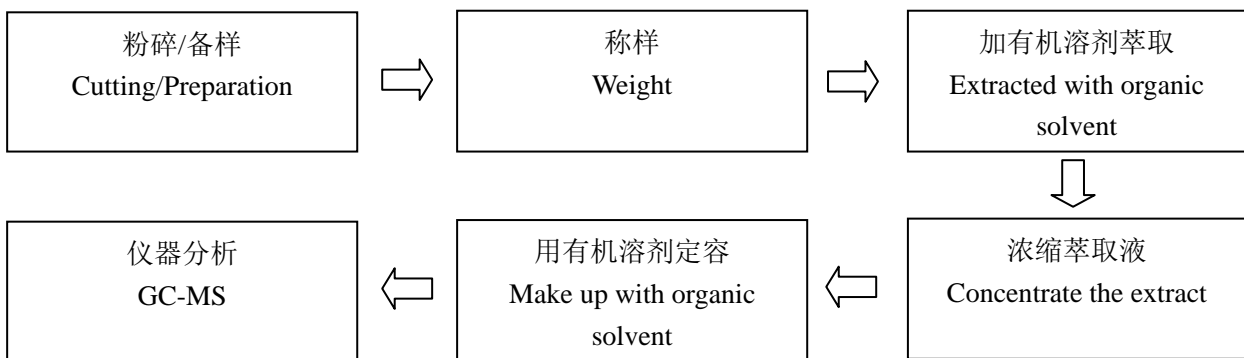
a. 镉 Cd 铅 Pb 汞 Hg



b. 六价铬 Cr⁶⁺



c. 阻燃剂 PBBs&PBDEs, DIBP, DEHP, BBP, DBP



*****报告结束 END OF REPORT *****

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