

报告编号 Rep. No.SET2021-04613

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.

商标型号

Trade mark & 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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邮政编码/P.C.: 518055

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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	EN71-3:2019-列表中指定样品中的迁移元素含量 EN71-3:2019 – Migration of certain elements in the specified specimen(s) as listed	
	检测依据 Standard/Foundation	参考方法: EN 71-3:2019, 分析仪器: ICP-MS With reference to EN 71-3:2019, analysis was performed by ICP-MS	
	检测结论 Conclusion	EN71-3:2019-列表中指定样品中的迁移元素含量 EN71-3:2019 – Migration of certain elements in the specified specimen(s) as listed	合格 Pass
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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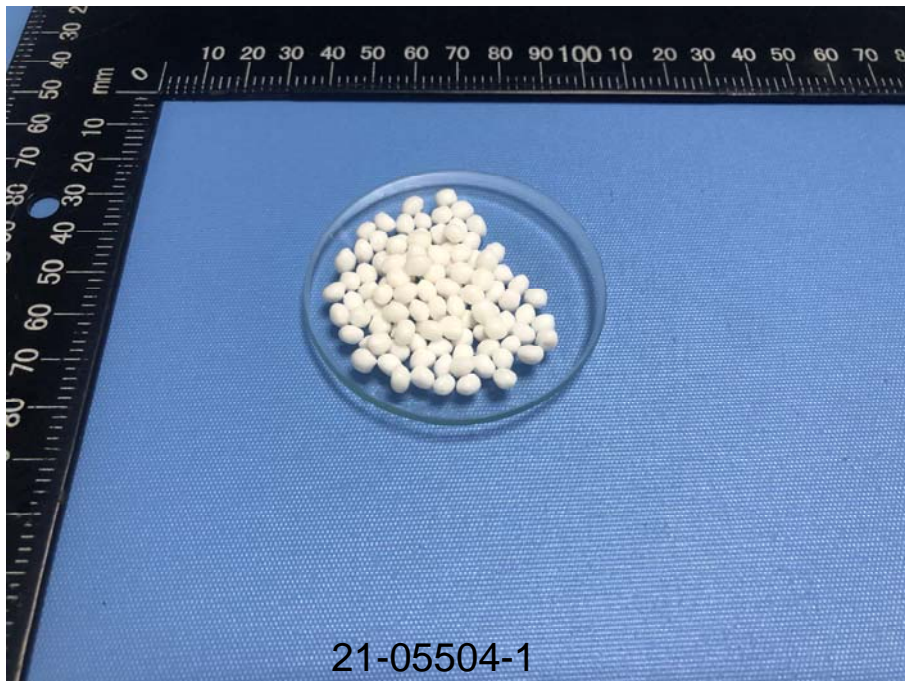
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样品描述 Tested Components Description:

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	迁移元素含量 Migration of certain elements

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)	方法检出限 MDL (mg/kg)
	21-05504-1		
锑 Antimony (Sb)		N.D.	10
砷 Arsenic (As)		N.D.	10
钡 Barium (Ba)		N.D.	10
镉 Cadmium (Cd)		N.D.	10
铬 Chromium (Cr)*		N.D.	0.030
铅 Lead (Pb)		N.D.	10
汞 Mercury (Hg)		N.D.	10
硒 Selenium (Se)		N.D.	10
铝 Aluminum (Al)		N.D.	10
硼 Boron (B)		N.D.	25
钴 Cobalt (Co)		N.D.	10
铜 Copper (Cu)		N.D.	20
锰 Manganese (Mn)		N.D.	10
镍 Nickel (Ni)		N.D.	10
锶 Strontium (Sr)		N.D.	10
锡 Tin (Sn)#		N.D.	3
锌 Zinc (Zn)		N.D.	10

备注 Note:

1. mg/kg=百万分之一=ppm N.D.=未检测到（小于方法检出限）
mg/kg=part per million=ppm N.D=Not Detected（less than MDL）
2. *=如果此元素被检测到，需要进一步分析三价铬和六价铬。
If this element was detected, further analysis of Chromium III & Chromium VI need to be performed.
3. #=如果此元素被检测到，需要进一步分析有机锡。
If this element was detected, further analysis of Organic tin need to be performed.
4. 测试材料参照在刮掉的玩具材料。
the material tested belong to Scraped-off toy material.

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特定元素的迁移要求内容根据 EN 71-3:2019, 限值如下:

Requirement of migration of certain elements content according to EN 71-3:2019, the limits are following:

参数 Parameter	干, 脆, 粉末状的或柔软的玩具材料 Dry, brittle, powder-like or pliable toy material (mg/kg)	液态或粘性的玩具材料 Liquid or sticky toy material (mg/kg)	刮掉的玩具材料 Scraped-off toy material (mg/kg)
锑 Antimony (Sb)	45	11.3	560
砷 Arsenic (As)	3.8	0.9	47
钡 Barium (Ba)	1500	375	18750
镉 Cadmium (Cd)	1.3	0.3	17
铬 Chromium (III)	37.5	9.4	460
铬 Chromium (VI)	0.02	0.005	0.053
铅 Lead (Pb)	2.0	0.5	23
汞 Mercury (Hg)	7.5	1.9	94
硒 Selenium (Se)	37.5	9.4	460
铝 Aluminum (Al)	2250	560	28130
硼 Boron (B)	1200	300	15000
钴 Cobalt (Co)	10.5	2.6	130
铜 Copper (Cu)	622.5	156	7700
锰 Manganese (Mn)	1200	300	15000
镍 Nickel (Ni)	75	18.8	930
锶 Strontium (Sr)	4500	1125	56000
锡 Tin (Sn)	15000	3750	180000
有机锡 Organic tin	0.9	0.2	12
锌 Zinc (Zn)	3750	938	46000

*****报告结束 END OF REPORT *****

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If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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