

报告编号 Rep No.SET2021-04612

# 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  
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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, Zhanguo 2 <sup>nd</sup> 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, Zhanguo 2 <sup>nd</sup> 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	多环芳烃 PAHs
	检测依据 Standard/Foundation	参考方法: AfPS GS 2019:01 PAK, 分析仪器: 气相色谱质谱联用仪 GC-MS. With reference to AfPS GS 2019:01 PAK, and analysis was performed by GC-MS.
	检测结论 Conclusion	见检测数据。Please see the detecting data.
备注 Note	-----	

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

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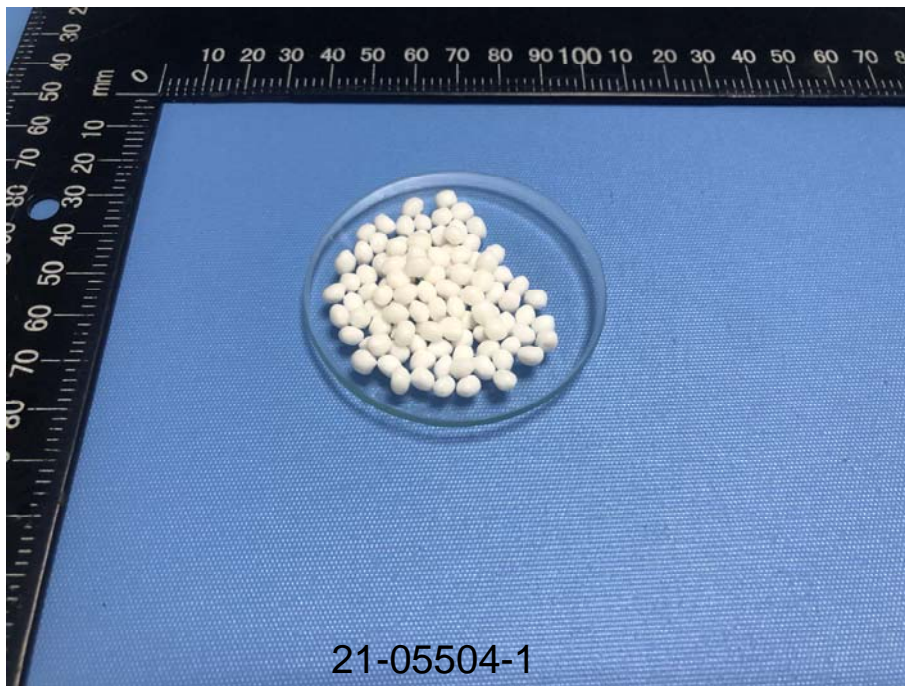
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样品描述 Tested components Description:

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	多环芳烃 PAHs

样品照片 Sample Photo:





## 检测结果 Test Results:

检测项目 Testing Item (s)	编号 Specimen No.	CAS No.	浓度 Concentration (mg/kg)	MDL (mg/kg)
			21-05504-1	
萘 Naphthalene ( NAP )		91-20-3	N.D.	0.05
菲 Phenanthrene ( PHE )		85-01-8	N.D.	0.05
蒽 Anthracene ( ANT )		120-12-7	N.D.	0.05
荧蒽 Fluoranthene ( FLT )		206-44-0	N.D.	0.05
芘 Pyrene ( PYR )		129-00-0	N.D.	0.05
苯并(a)蒽 Benz(a)anthracene ( BaA )		56-55-3	N.D.	0.05
屈 CHRYSENE ( CHR )		218-01-9	N.D.	0.05
苯并(b)荧蒽 Benzo(b)fluoranthene ( BbF )		205-99-2	N.D.	0.05
苯并 (k)荧蒽 Benzo(k)fluoranthene ( BkF )		207-08-9	N.D.	0.05
苯并(a)芘 Benzo(a)pyrene ( BaP )		50-32-8	N.D.	0.05
茚并(1,2,3-cd)芘 Indeno(1,2,3-cd)pyrene ( IPY )		193-39-5	N.D.	0.05
二苯并(a,h)蒽 Dibenz(a,h)anthracene ( DBA )		53-70-3	N.D.	0.05
苯并(g,h,i)芘(二苯并(a,h)蒽) Benzo(g,h,i)perylene ( BPE )		191-24-2	N.D.	0.05
苯并(j)荧蒽 BENZO(j)FLUORANTHENE		205-82-3	N.D.	0.05
苯并(e)芘 BENZO(e)PYRENE		192-97-2	N.D.	0.05
多环芳烃总量 Total PAHS			N.D.	-----

备注 Note:

-mg/kg=ppm

-MDL = 方法检出限 Method Detection Limit

-N.D. = 未检出 (&lt;方法检出限) Not Detected (&lt;MDL)

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产品中 PAH 的限值 PAH limit in product:

参数 Parameter	1 类 Category 1	2 类 Category 2		3 类 Category 3	
	意图入口的材料, 2009/48/EC 范围内的玩具, 可预见与皮肤长时间接触的玩具材料 (超过 30 秒) 的 3 岁以下儿童使用的产品 Material indented to be put in the mouth, Toys in the scope of 2009/48/EC, Products used by children under 3 years old with toy materials that may contact with the skin for a long time (over 30 seconds)	未包含在类别 1 中, 预期与皮肤长时间接触 (超过 30 秒), 或与皮肤反复短时间接触的材料 Material not being covered by category 1 with foreseeable contact to skin for longer than 30 seconds (long-term skin contact) or repeatedly short term skin contact.		未包含在类别 1 和 2 中, 预期与皮肤短期接触 (不超过 30 秒) 的材料 Material not being covered by category 1 or 2 with foreseeable contact to skin up to 30 seconds (short term skin contact).	
		儿童产品 Children product	其他消费品 Other consumer products	儿童产品 Children product	其他消费品 Other consumer products
单位 Unit	mg/kg				
萘 Naphthalene ( NAP )	< 1	<2		<10	
菲 Phenanthrene ( PHE )	总和 Sum < 1	总和 Sum < 5	总和 Sum <10	总和 Sum <20	总和 Sum <50
蒽 Anthracene ( ANT )					
荧蒽 Fluoranthene ( FLT )					
芘 Pyrene ( PYR )					
苯并(a)蒽 Benz(a)anthracene ( BaA )	< 0.2	< 0.2	< 0.5	< 0.5	< 1
屈 CHRYSENE ( CHR )	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(b)荧蒽 Benzo(b)fluoranthene ( BbF )	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并 (k) 荧蒽 Benzo(k)fluoranthene ( BkF )	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(a)芘 Benzo(a)pyrene ( BaP )	< 0.2	< 0.2	< 0.5	< 0.5	< 1
茚并(1,2,3-cd)芘 Indeno(1,2,3-cd)pyrene ( IPY )	< 0.2	< 0.2	< 0.5	< 0.5	< 1
二苯并(a,h)蒽 Dibenz(a,h)anthracene ( DBA )	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(g,h,i)芘(二苯并苯) Benzo(g,h,i)perylene ( BPE )	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(j)荧蒽 Benzo(j)fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(e)芘 Benzo(e)pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
多环芳烃总量 Total PAHs	< 1	< 5	<10	< 20	< 50

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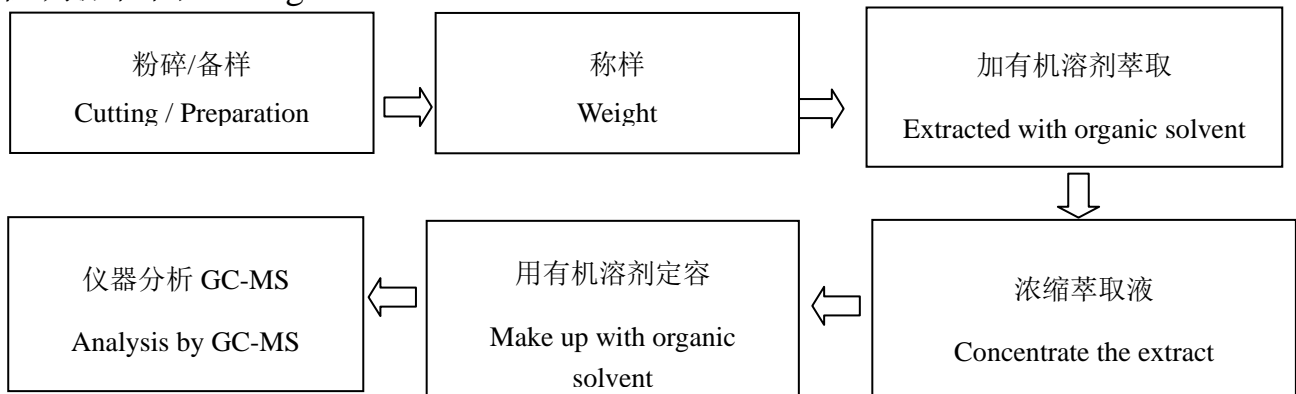
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## 检测流程图 Testing Flow Chart:



\*\*\*\*\*报告结束 END OF REPORT \*\*\*\*\*

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