

测试报告

No. SZXEC2000955502

日期: 2020年05月19日 第1页,共7页

东莞市吉得塑胶有限公司
东莞市横沥镇田坑村第三工业区

以下测试之样品是由申请者所提供及确认: TPU 胶粒

SGS工作编号: RP20-009116 - SZ

型号: TPU

客户参考信息: 请见Remark

样品接收日期: 2020年05月14日

测试周期: 2020年05月14日 - 2020年05月19日

测试要求: 根据客户要求测试

测试方法: 请参见下一页

测试结果: 请参见下一页

结论: 基于所送样品进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸酯(如邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP))的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

通标标准技术服务有限公司深圳分公司
授权签名

倪磊

Andy Ni倪磊
批准签署人



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测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	SZX20-009555.001	无色透明塑胶粒

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863

测试方法: 参考IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015和IEC 62321-8:2017, 采用ICP-OES,UV-Vis和GC-MS进行分析.

测试项目	限值	单位	MDL	001
镉 (Cd)	100	mg/kg	2	ND
铅 (Pb)	1,000	mg/kg	2	ND
汞 (Hg)	1,000	mg/kg	2	ND
六价铬 (Cr(VI))	1,000	mg/kg	8	ND
多溴联苯之和(PBBs)	1,000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1,000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	-	mg/kg	5	ND
五溴二苯醚	-	mg/kg	5	ND



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测试项目	限值	单位	MDL	001
六溴二苯醚	-	mg/kg	5	ND
七溴二苯醚	-	mg/kg	5	ND
八溴二苯醚	-	mg/kg	5	ND
九溴二苯醚	-	mg/kg	5	ND
十溴二苯醚	-	mg/kg	5	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND
邻苯二甲酸丁苄酯 (BBP)	1000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	1000	mg/kg	50	ND
邻苯二甲酸二异丁酯 (DIBP)	1000	mg/kg	50	ND

备注:

(1)最大允许极限值引用自RoHS指令(EU) 2015/863。

IEC 62321系列等同于 EN 62321 系列

https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25

(2)2021年7月22号开始, DEHP, BBP, DBP 和 DIBP的限制适用于医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器。

(3)DEHP, BBP, DBP 和 DIBP的限制不适用于玩具产品, 因为No.1907/2006附录XVII第51条已对玩具产品中的DEHP, BBP, DBP 和 DIBP含量进行了限制。

除非另有说明, 此报告结果仅对测试的样品负责。本报告未经本公司书面许可, 不可部分复制。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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Remark

A-80A A-83A A-85A A-90A A-95A A-98A A-60D A-64D
A-72D A-82AQD8 LW85AQD8 LW92AQD8 A-95AQD8 A-98AQD8
A-5DQD8(9) A-60DQD8 A-64DQD8(9) A-72DQD8 B80AY B82AY
B85AY B90AY B92AY RT90AH B95AYS B90A B95A B98A B64D
B64DY B68D B-95A(S) BC85A BC90A BC92A BC95A C0-80AH
C0-85AHU C0-90AHU C0-95AHU C0-95A C-85A C-90A C-95A
C-98A C-60D C-64D C1-66D C-71D E-285A E-290A E-295A(T)
E-298A E-475A E-485A D/E-485A E-490A E-495A E-98A E-60D
E-80A EV-85A EV-90A EV-95A EW-80A EW-83A EW-85A
EW-90A EW-95A EW-98A EW-53D EW-75AP EW-80AP EW-95AP
V-80A(P) V-85A V-90A V-95A V-60D V-64D V-80AP V-85AP
V-90AP V-95AP G-85A G-95A G-85AS G-64D G-180A G-185A
G-285A G-190A(S) G-195A G-198A G-160D G-164D G-171D
G-174D G-168D G-98AU23C G-160DU G-74D G-380A G-383A
G-385A G-390A G-395A G-398A G-360D G-365D G-371D
G-80AU G-85AU G-90AU G-92AU G-95AU G-98AU G-64DU
G-74DU D/G-95AU D/G-95AUX G-92AUX G-92AUXL G-95AUX
G-90AU G-95AU G-98AU23 98AU I-60A I-65A I-70A I-72A I-75A
S-62A S-65A S-70A S-75A S-75AU T-0285A T-0290A T-0295A
T-0298A(U) T-0260D T-1185A T-1190A T-1195A(U)(S) T-1198A
T-1164D(U)(S) T-1172D T-1174D(U)(S) T-1285A(S) T-1290A(S)
T-1295A(S) T-695A(S) T-1160D(S) T-1164D(S) T-690A(S) T-680A(S)
T-685A T-685AS T-695AS T-664DS T-664D T-698A T-671D
T-885A T-890A T-0290AU T-1285AS T-698AU T-470AU T-495AU
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292 385A P-64D P-75A P-80A P-85A P-90A P-95A P-98A
P-60D P-64D P-92A A-XXX B-XXX C0-XXX C-XXX E-XXX EV-XXX
EW-XXX V-XXX G-XXX I-XXX S-XXX T-XXX P-XXX 2XXX 3XXX



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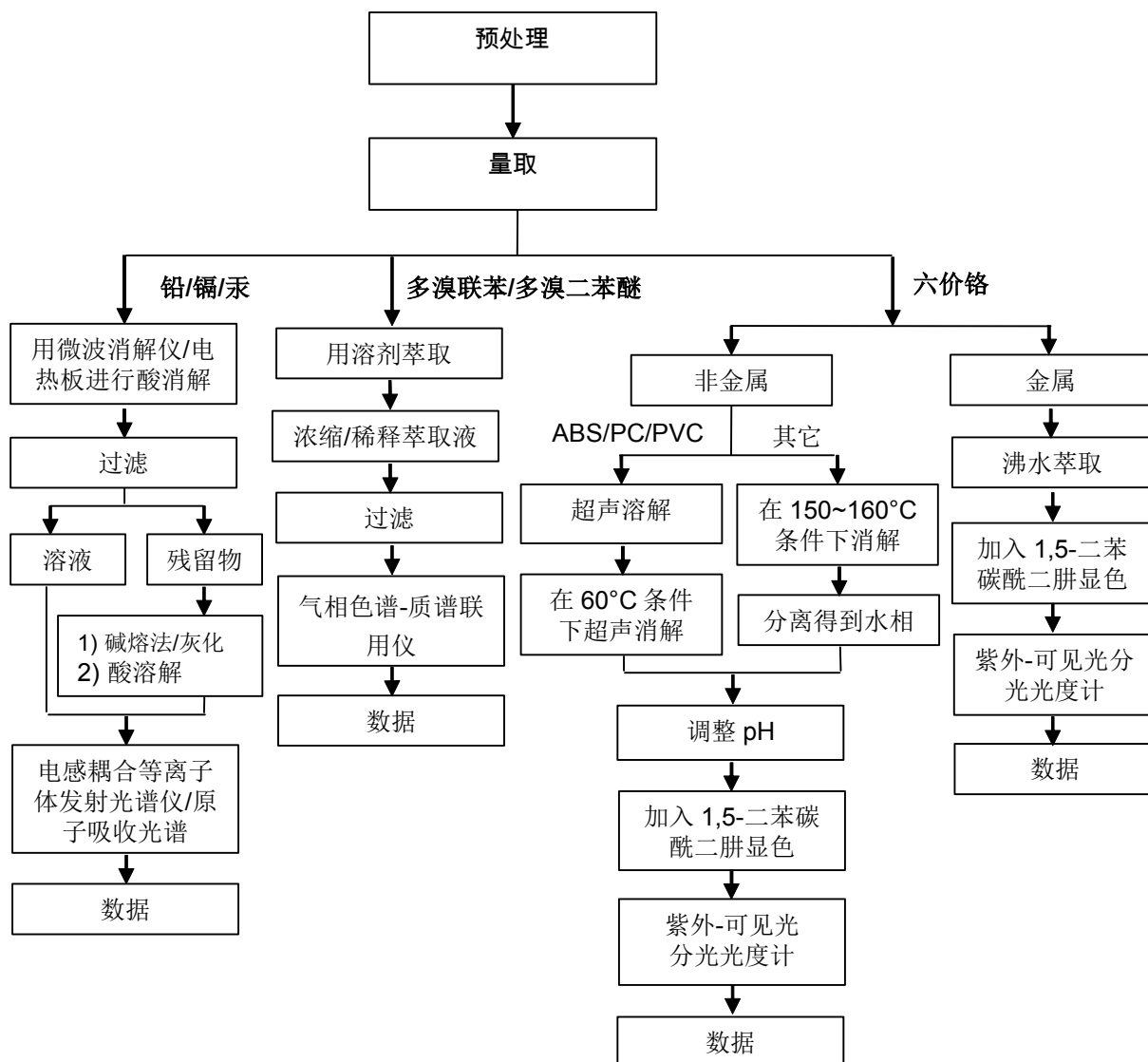
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附件

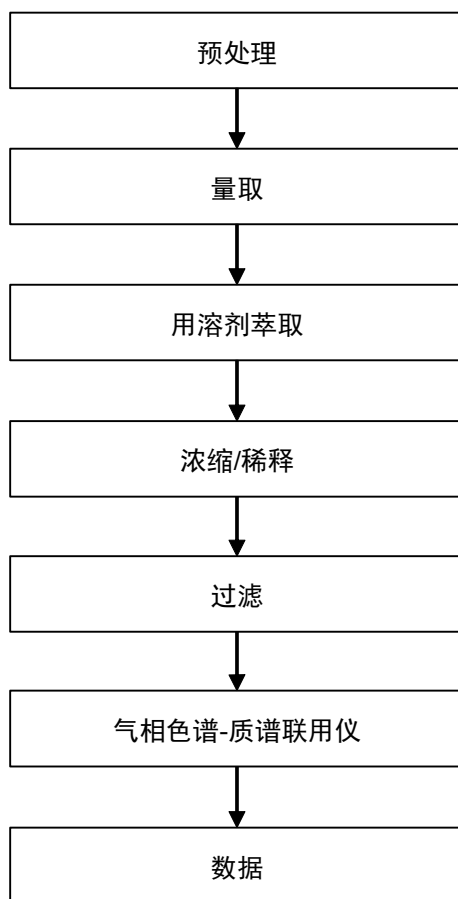
Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs 测试流程图

1) 样品按照下述流程被完全消解(六价铬和多溴联苯/多溴二苯醚测试除外)。



附件

Phthalates 测试流程图

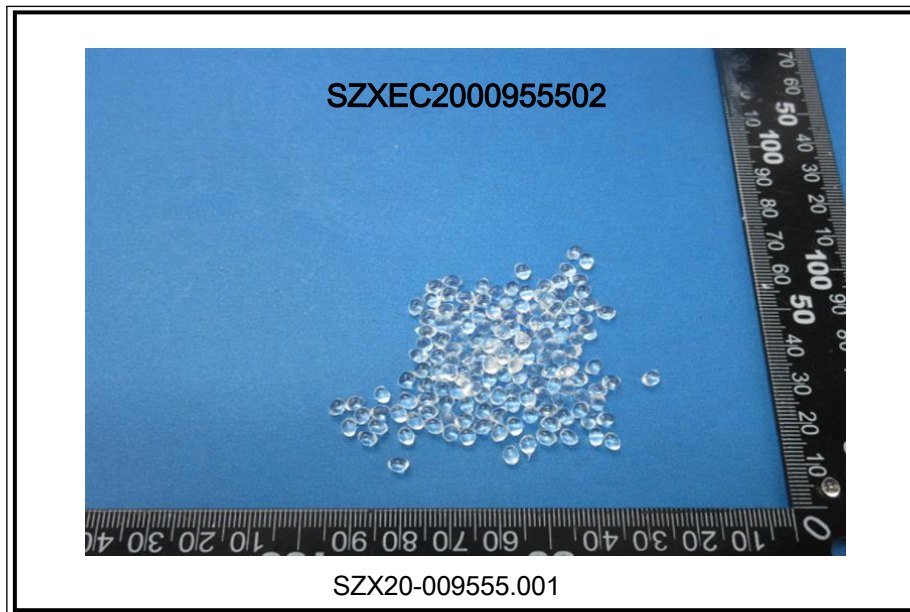


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样品照片:



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