

## 测试报告

No. CANEC1904003202

日期: 2019年03月22日 第1页,共7页

鹤山荣达新材料科技有限公司  
中国广东省鹤山市龙口镇宵南工业区

以下测试之样品是由申请者所提供及确认: 美纹纸胶带

SGS工作编号: CP19-011733 - GZ  
样品接收日期: 2019年03月15日  
测试周期: 2019年03月15日 - 2019年03月22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

测试结果概要:

测试要求	结论
RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863	符合
欧盟决议(EC) No 1907/2006 Reach附录XVII及其修正法案(EU) No 2018/2005 & 修正法案(EC) No 552/2009 第51&52条- 邻苯二甲酸酯	符合

通标标准技术服务有限公司广州分公司  
授权签名

史丽兰

Violet, Shi 史丽兰  
批准签署人



## 测试报告

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日期: 2019年03月22日 第2页,共7页

测试结果:

### 测试样品描述:

样品编号	SGS样品ID	描述
SN1	CAN19-040032.001	黄色粘性带

备注:

- (1) 1 mg/kg = 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+A1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 和 IEC 62321-6:2015, 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)	1000	mg/kg	2	ND
汞 (Hg)	1000	mg/kg	2	ND
六价铬(Cr(VI))	1000	mg/kg	8	ND
多溴联苯之和(PBBs)	1000	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)	1000	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
六溴二苯醚	-	mg/kg	5	ND



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## 测试报告

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日期: 2019年03月22日 第3页,共7页

测试项目	限值	单位	MDL	001
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

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 [http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1258637,25](http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25)
- (2) 2015年6月4号发表在欧盟官方杂志(官方公报)上的RoHS指令(EU) 2015/863附录II限值中还包括邻苯二甲酸酯BBP, DBP, DEHP和DIBP。新的指令限制了电子电器产品的每一个均一材质中邻苯二甲酸酯含量不得超过0.1%。
- (3) 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。
- (4) DEHP, BBP, DBP 和 DIBP的限制不适用于2019年7月22日前投放市场的电缆及电子电气产品中用于维修、重复利用、功能更新及容量提升的备用配件以及2021年7月22日前投放市场的医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器。
- (5) DEHP、BBP 和 DBP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 和 DBP含量进行了限制。

### 欧盟决议(EC) No 1907/2006 Reach附录XVII及其修正法案(EU) No 2018/2005 & 修正法案(EC) No 552/2009 第51&52条- 邻苯二甲酸酯

测试方法: 参照EN 14372:2004, 方法测定, 采用GC-MS进行分析。

测试项目	CAS NO.	限值	单位	MDL	001
邻苯二甲酸二丁酯 (DBP)	84-74-2	0.1	%(w/w)	0.003	ND
邻苯二甲酸丁苄酯 (BBP)	85-68-7	0.1	%(w/w)	0.003	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7	0.1	%(w/w)	0.003	ND
邻苯二甲酸二异丁酯 (DIBP)	84-69-5	0.1	%(w/w)	0.003	ND
合计 (DBP+BBP+DEHP+DIBP)	-	0.1	%(w/w)	-	ND
邻苯二甲酸二异壬酯 (DINP)	28553-12-0 / 68515-48-0	-	%(w/w)	0.010	ND
邻苯二甲酸二正辛酯 (DNOP)	117-84-0	-	%(w/w)	0.003	ND
邻苯二甲酸二异癸酯 (DIDP)	26761-40-0 / 68515-49-1	-	%(w/w)	0.010	ND
合计 (DINP+DNOP+DIDP)	-	0.1	%(w/w)	-	ND
评论					符合

备注:

- (1) DBP、BBP、DEHP、DIBP参考信息: 1907/2006/EC Reach附录XVII的修正指



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令——2018/2005/EU第51条的要求:

- i) 不允许DBP、BBP、DEHP、DIBP单一质量浓度或质量浓度总和等于或高于0.1%的可塑性物料用于玩具和儿童护理品。
- ii) 当玩具和儿童护理品中的可塑性物料含DBP、BBP、DEHP单一质量浓度或质量浓度总和等于或高于0.1%时,不得投放市场。另外,当玩具和儿童护理品中的可塑性物料含DIBP单一质量浓度或DBP、BBP、DEHP、DIBP质量浓度总和等于或高于0.1%时,2020年7月7日后不得投放市场。
- iii) 当成品中的可塑性物料含DBP、BBP、DEHP、DIBP单一质量浓度或质量浓度总和等于或高于0.1%时,2020年7月7日后不得投放市场。

详细信息请参见Regulation (EU) No 2018/2005。

(2) DINP、DNOP、DIDP参考信息: 1907/2006/EC Reach附录XVII的修正指令——552/2009/EC第52条(前身为2005/84/EC)的要求:

- i) 不允许DINP、DNOP、DIDP质量浓度高于0.1%的可塑性物料用于可放入儿童口中的玩具和儿童护理品。
- ii) 当可放入儿童口中的玩具和儿童护理品中的可塑性物料含DINP, DNOP, DIDP质量浓度高于0.1%时,不得投放市场。

详细信息请参见Regulation (EC) No 552/2009。

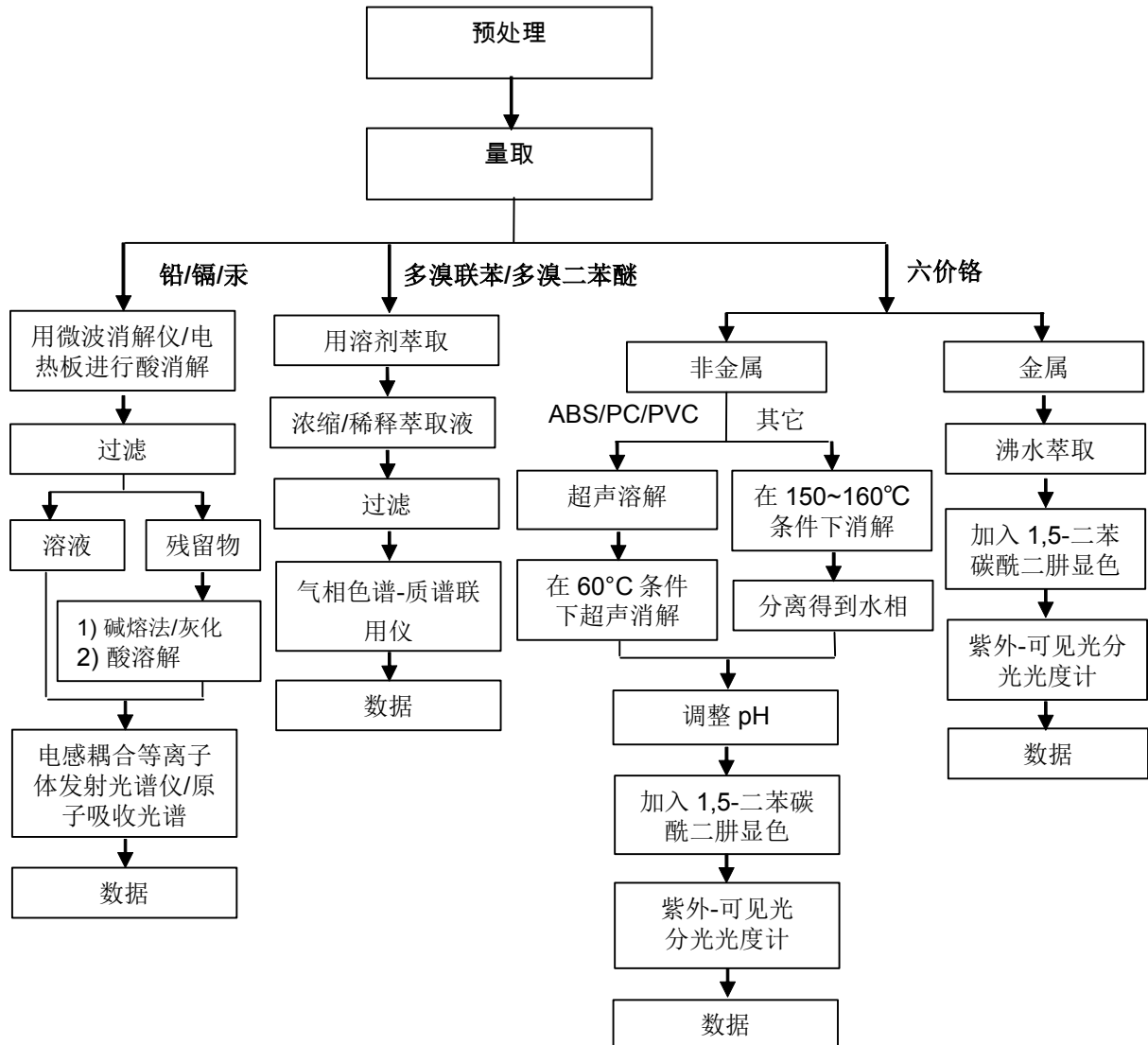
检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的,仅供内部参考。



附件

## Pb/Cd/Hg/Cr<sup>6+</sup>/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）。



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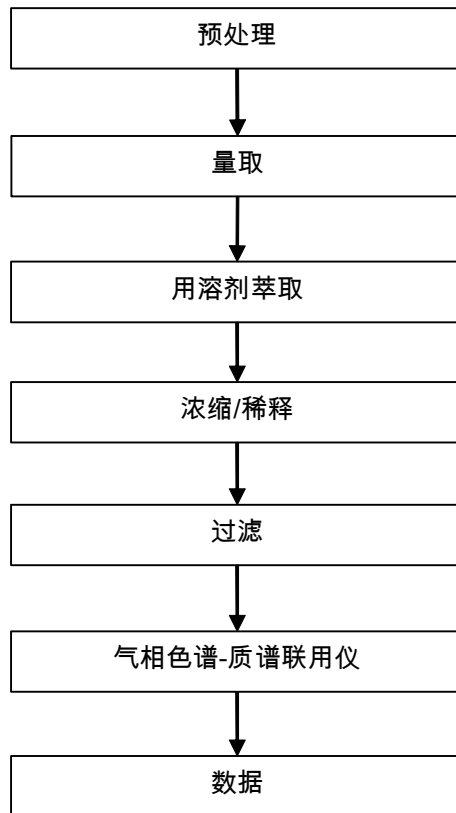
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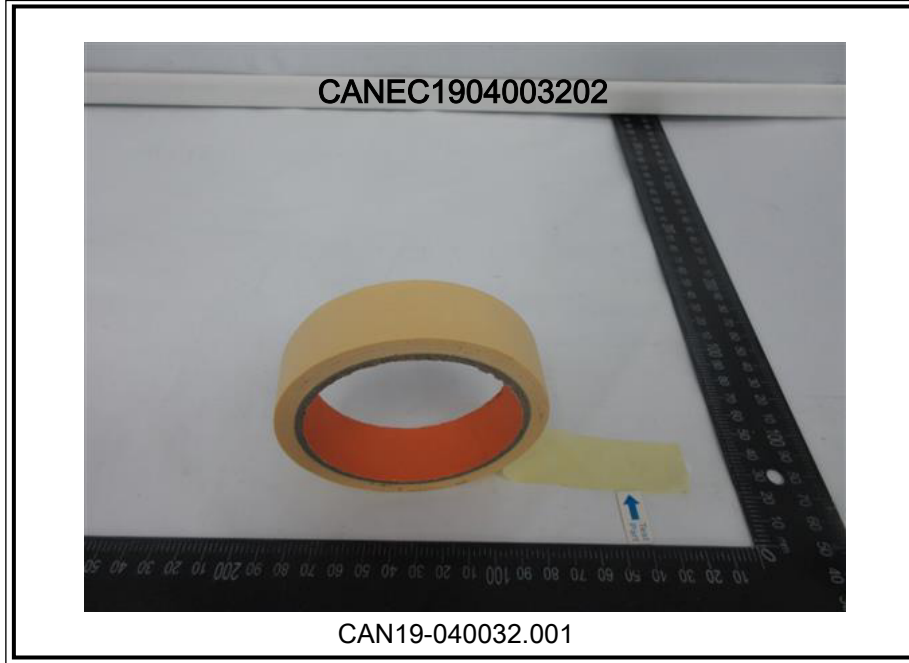
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附件

### Phthalates 测试流程图



样品照片:



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\*\*\* 报告完 \*\*\*

