

## 检测报告

编号: CANEC24002003604

日期: 2024年02月04日

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客户名称: 四川迈科隆真空新材料有限公司  
客户地址: 四川省达州市宣汉县土主镇普光微玻纤产业园

样品名称: 真空绝热板(气硅)  
以上样品及信息由客户提供。

SGS 工作编号: CQP24-000858  
样品接收时间: 2024年01月26日  
检测周期: 2024年01月26日~2024年02月03日  
检测要求: 根据客户要求检测  
检测方法: 见后续页。  
检测结果: 见后续页。

检测要求	结论
欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉、六价铬、多溴联苯(PBB)、多溴二苯醚(PBDE)、邻苯二甲酸二(2-乙基己基)酯(DEHP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二丁酯(DBP)和邻苯二甲酸二异丁酯(DIBP)	符合

通标标准技术服务有限公司广州分公司  
授权签名

叶士龙

Arsene Ye 叶士龙  
批准签署人

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Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.

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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

## 检测结果:

## 检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A4	CAN24-0020036-0001.C004	带灰色粉末的灰色物料
SN2	A5	CAN24-0020036-0001.C005	银色袋

## 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

欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉、六价铬、多溴联苯 (PBB)、多溴二苯醚 (PBDE)、邻苯二甲酸二(2-乙基己基)酯 (DEHP)、邻苯二甲酸丁苄酯 (BBP)、邻苯二甲酸二丁酯 (DBP)和邻苯二甲酸二异丁酯 (DIBP)

检测方法: 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/AAS, UV-Vis 和 GC-MS 进行分析。

检测项目	限值	单位	MDL	A4	A5
铅 (Pb)	1000	mg/kg	2	ND	ND
汞 (Hg)	1000	mg/kg	2	ND	ND
镉 (Cd)	100	mg/kg	2	ND	ND
六价铬 (Cr(VI))	1000	mg/kg	8	ND	ND
多溴联苯之和 (PBB)	1000	mg/kg	-	ND	ND
一溴联苯 (MonoBB)	-	mg/kg	5	ND	ND
二溴联苯 (DiBB)	-	mg/kg	5	ND	ND
三溴联苯 (TriBB)	-	mg/kg	5	ND	ND
四溴联苯 (TetraBB)	-	mg/kg	5	ND	ND
五溴联苯 (PentaBB)	-	mg/kg	5	ND	ND
六溴联苯 (HexaBB)	-	mg/kg	5	ND	ND
七溴联苯 (HeptaBB)	-	mg/kg	5	ND	ND
八溴联苯 (OctaBB)	-	mg/kg	5	ND	ND
九溴联苯 (NonaBB)	-	mg/kg	5	ND	ND
十溴联苯 (DecaBB)	-	mg/kg	5	ND	ND
多溴二苯醚之和 (PBDE)	1000	mg/kg	-	ND	ND
一溴二苯醚 (MonoBDE)	-	mg/kg	5	ND	ND
二溴二苯醚 (DiBDE)	-	mg/kg	5	ND	ND
三溴二苯醚 (TriBDE)	-	mg/kg	5	ND	ND
四溴二苯醚 (TetraBDE)	-	mg/kg	5	ND	ND
五溴二苯醚 (PentaBDE)	-	mg/kg	5	ND	ND
六溴二苯醚 (HexaBDE)	-	mg/kg	5	ND	ND



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t (86-20) 82155555 www.sgs.com.cn  
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检测项目	限值	单位	MDL	A4	A5
七溴二苯醚 (HeptaBDE)	-	mg/kg	5	ND	ND
八溴二苯醚 (OctaBDE)	-	mg/kg	5	ND	ND
九溴二苯醚 (NonaBDE)	-	mg/kg	5	ND	ND
十溴二苯醚 (DecaBDE)	-	mg/kg	5	ND	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	1000	mg/kg	50	ND	ND
邻苯二甲酸丁苄酯 (BBP)	1000	mg/kg	50	ND	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND	ND
邻苯二甲酸二异丁酯 (DIBP)	1000	mg/kg	50	ND	ND

## 备注:

(1) 最大允许极限值引用自 RoHS 指令(EU) 2015/863。

(2) IEC 62321 系列等同于 EN 62321 系列。

(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。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ( $w=0$ ) 的二元判定规则进行符合性判定。

除非另有说明, 此报告结果仅对检测的样品负责。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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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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附件

### 元素检测流程图

样品按照下述流程被完全消解

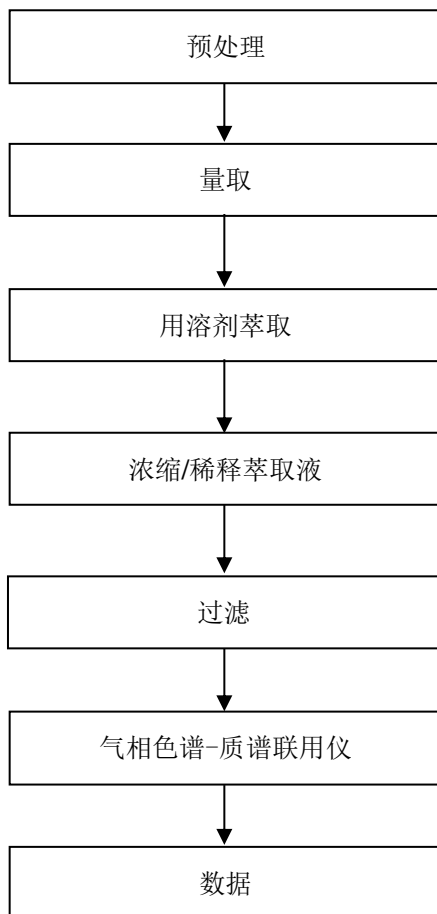


### 六价铬检测流程图

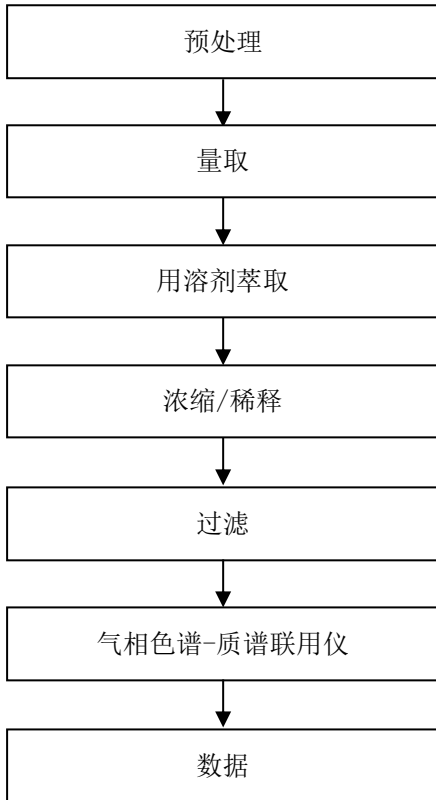




### PBB/PBDE 检测流程图



### Phthalates 检测流程图



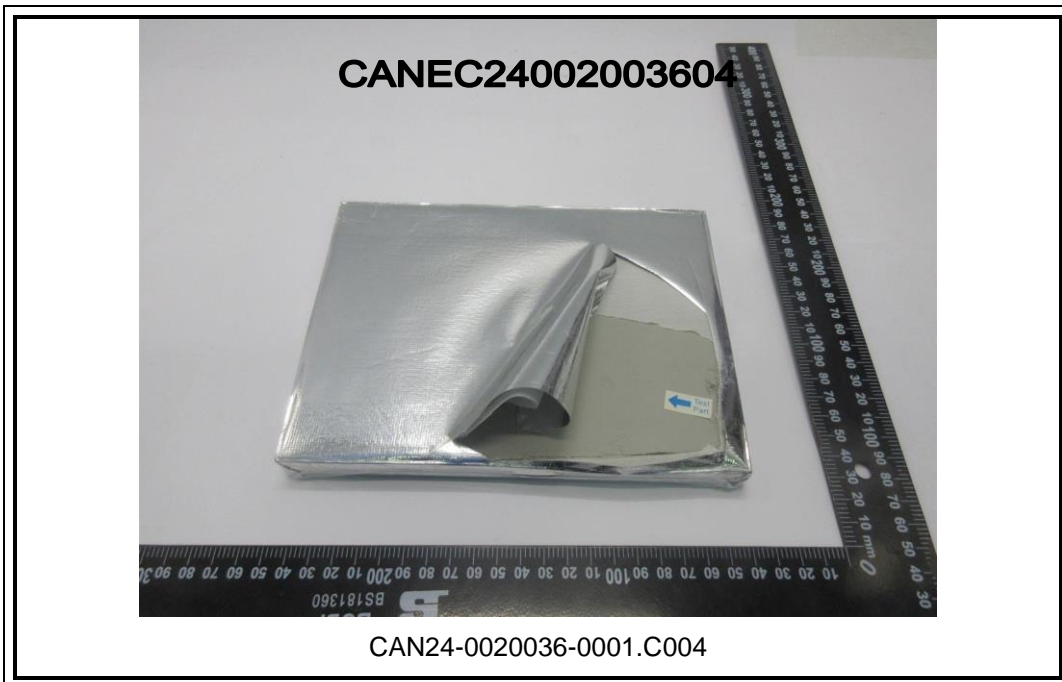
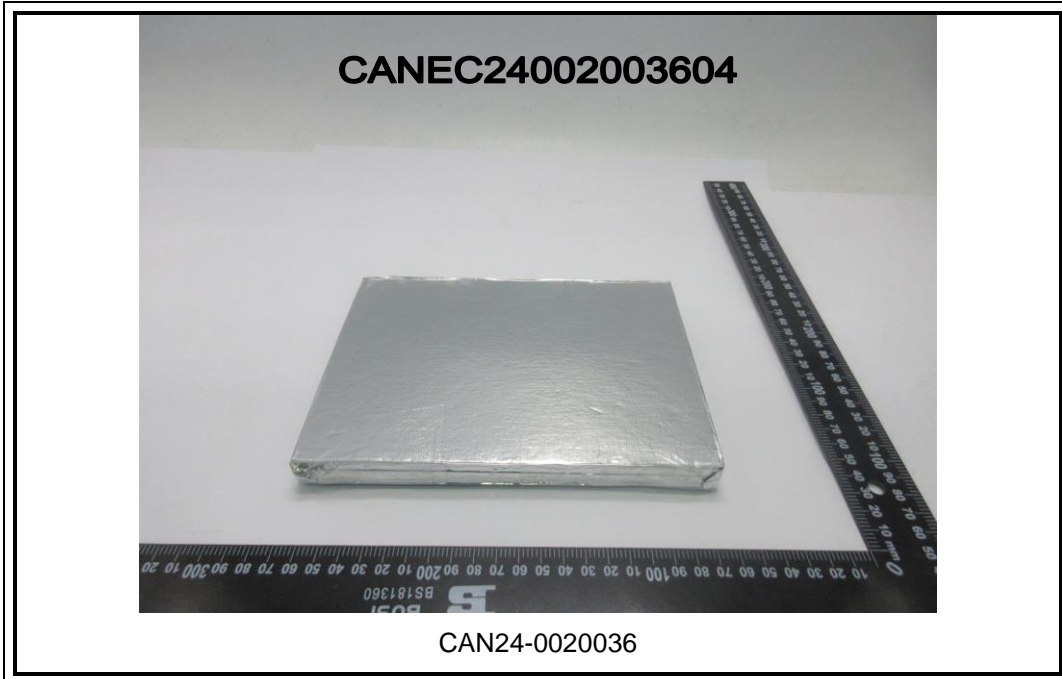
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样品照片:



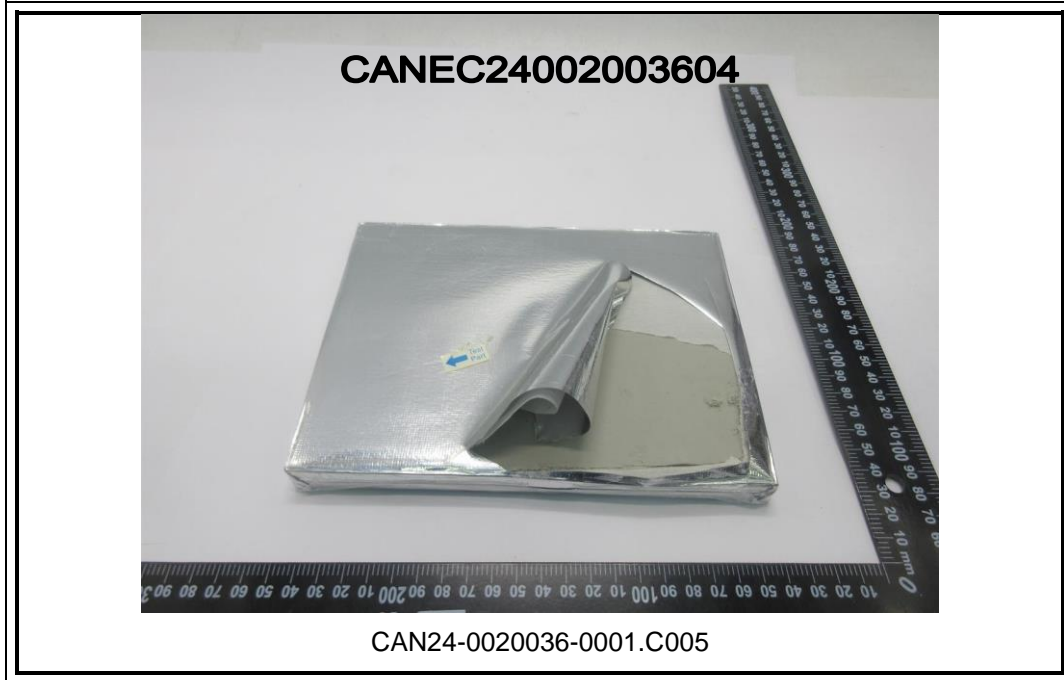
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