

检测报告  
Test Report

报告编号: A225032134010100001R1E

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委托单位: 浙江人禾电子有限公司

Customer: Zhejiang RHI Electric Co.,Ltd.

地址: 浙江省温州市乐清市柳市镇德美路 1 号

Address: NO.1 DeMei Road Xiangyang Industrial Zone Yueqing Wenzhou City Zhejiang  
Prov.China,Post Code 325604

样品名称	浸塑 (PVC)
Sample Name	PVC
样品状态	半成品
Sample State	Semi-finished
样品接收日期	2025.05.15
Sample Received Date	2025.05.15
样品检测日期	2025.05.16~2025.05.26
Testing Period	2025.05.16~2025.05.26
主机厂	/
OEM	/
报告流向	/
Report Flow	/
项目代码	/
Project Code	/
项目阶段	/
Project Verification	/

批准  
Approved by Maple Chen日期  
Date 2025.05.28Maple Chen  
Technical Manager  
技术经理

No. RF39AB4B3D

上海市闵行区新骏环路 777 号 5 号楼/  
上海市闵行区新骏环路 777 号 2 号楼 1-3 层  
Building 5 & 1-3/F, Building 2, No.777, Xinjun Ring Road,  
District, Shanghai, China上海华测品正检测技术有限公司  
Centre Testing International (Shanghai) Co., Ltd.  
检验检测专用章  
Inspection & Testing Services

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以上测试之样品及信息是由申请者提供并确认

The above sample(s) was/were submitted and identified on behalf of the client as:

客户送样数量	详见下页样品信息表
Quantity of sample supplied by client	Please refer to the sample information table on the next page
检测项目 Test Item	请参见下页 Please refer to the following pages
检测依据 Test Method	请参见下页 Please refer to the following pages
检测结果 Test Result	请参见下页 Please refer to the following pages

\*\*\*待续 To be continued\*\*\*

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样品信息表 Sample information table

序号 No.	样品名称 Sample Name	零件号 Part No.	样品编号 Sample No.	送样数量 Quantity of sample supplied by client
1	浸塑（PVC） PVC	/	A2250321340101001-001~003	3

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结果汇总 Summary of results

序号 No.	检测项目 Test Item	检测方法 Test Method	检测结果 Test Result	结论 Conclusion
1	阻燃 Flammability	UL94-2023 第 8 部分 UL94-2023 Section 8	V-0	合格 Pass

备注:

合格: 符合要求

不合格: 不符合要求

N/A: 不应用于判定或不适用

Note:

Pass: Meet the requirements

Fail: Does not meet the requirements

N/A: Not apply to the judgment or Not applicable

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1.检测项目：阻燃

Test Item: Flammability

(1) 试样状态调节条件 Precondition: (23±2)℃, (50±5)%RH, 48h

(2) 测试方法 Test Method: 依据标准 UL94-2023 第 8 部分

Refer to UL94-2023 Section 8

(3) 老化条件 Aging: 70℃, 168h

(4) 试样 Test sample: 尺寸 Size 128mm×13.2mm×3.1mm, 裁样 cut from sample

(5) 样品描述 Sample description: 试片 Test piece

(6) 测试设备 Test Equipment:

序号 No.	名 称 Name	型 号 Model	设备编号 Equipment No.	校准有效期 Valid Date to
1	垂直水平燃烧箱 Horizontal vertical burning tester	UL94	TTE20170499	2026.03.20
2	烘箱 Oven	FED115	TTF20231702	2025.12.15

(7) 检测数量 Test Quantity: 各 Each 5pcs

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( 8 ) 检测结果 Test Results :

老化前 Before aging:

样品编号 Sample No.	A2250321340 101001-001-# 1	A2250321340 101001-001-# 2	A2250321340 101001-001-# 3	A2250321340 101001-001-# 4	A2250321340 101001-001-# 5
第一次施加火焰后余焰时间 t1 S After flame time for each individual specimen after the first flame application t1 S	0	0	0	1.0	0
第二次施加火焰后余焰时间 t2 S After flame time for each individual specimen after the second flame application t2 S	3.7	0	1.2	0	1.6
第二次施加火焰后余辉时间 t3 S Afterglow time for each individual specimen after the second flame application t3 S	0	0	0	0	0
第二次施加火焰后余焰时间+余辉时间 t2+t3 Afterglow time + afterglow time after second application of flame t2+t3 S	3.7	0	1.2	0	1.6
试样是否燃烧至夹具 After flame or afterglow of any specimen up to the holding clamp	否 NO	否 NO	否 NO	否 NO	否 NO
火焰颗粒或滴落物是否引燃棉垫 Cotton indicator ignited by flaming particles or drops	否 NO	否 NO	否 NO	否 NO	否 NO
5 个试样燃烧时间总和 S Total After flame time for any condition set S	7.5				
燃烧等级 Classification	V-0				

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老化后 After aging:

样品编号 Sample No.	A2250321340 101001-001-# 6	A2250321340 101001-001-# 7	A2250321340 101001-001-# 8	A2250321340 101001-001-# 9	A2250321340 101001-001-# 10
第一次施加火焰后余焰时间 t1 S After flame time for each individual specimen after the first flame application t1 S	0	0	0	0	0
第二次施加火焰后余焰时间 t2 S After flame time for each individual specimen after the second flame application t2 S	1.4	0	1.0	2.8	1.1
第二次施加火焰后余辉时间 t3 S Afterglow time for each individual specimen after the second flame application t3 S	0	0	0	0	0
第二次施加火焰后余焰时间+余辉时间 t2+t3 S Afterglow time + afterglow time after second application of flame t2+t3 S	1.4	0	1.0	2.8	1.1
试样是否燃烧至夹具 After flame or afterglow of any specimen up to the holding clamp	否 NO	否 NO	否 NO	否 NO	否 NO
火焰颗粒或滴落物是否引燃棉垫 Cotton indicator ignited by flaming particles or drops	否 NO	否 NO	否 NO	否 NO	否 NO
5 个试样燃烧时间总和 S Total After flame time for any condition set S	6.3				
燃烧等级 Classification	V-0				

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(9) 要求 Requirement: V-0  
(10) 结论 Conclusion: 合格 Pass  
备注 Note: 材料的分级 Material Classification

判据 Criteria conditions	级别 Classification		
	V-0	V-1	V-2
单个试样余焰时间 (t1 和 t2) After flame time for each individual specimen (t1 and t2)	≤10 s	≤30 s	≤30 s
任一状态调节的一组试样总的余焰时间 tE Total After flame time for any condition set tr	≤50 s	≤250 s	≤250 s
第二次施加火焰后单个试样的余焰加上余辉时间 (t2+t3) After flame plus afterglow time for each individual specimen after the second flame #30s #60s #60s application (t2+t3)	≤30 s	≤60 s	≤60 s
余焰和 (或) 余辉是否蔓延至夹具 After flame or afterglow of any specimen up to the holding clamp	否 NO	否 NO	否 NO
火焰颗粒或滴落物是否引燃棉垫 Cotton indicator ignited by flaming particles or drops	否 NO	否 NO	是 Yes
注: 如果试验结果不符合规定的判据, 材料不能使用本试验方法分级。可采用 水平试验方法对材料的燃烧行为分级。 Note: If test results don't comply with the Criteria conditions, which means classification method can not be applied to this kind of material. Horizontal burning test can be used.			

如果在给定条件下处理的一组无五根样条, 其中仅有一根不符合某种分级的所有判据应试验经受同样状态调节处理的另一组五根试样。作为余焰时间 tE 的总秒数, 对于 V-0 级, 如果余焰时间在 51-55 S 或对 V-1 和 V-2 级为 251-255 S 时, 要外加一组五个试样进行试验。第二组所有的试样应符合该级所有规定的判据。  
If only one specimen from a set of five specimens does not comply with the requirements, another set of five specimens is to be tested. In the case of the total number of seconds of flaming, an additional set of five specimens is to be tested if the totals are in the range of 51 – 55 seconds for V-0 and 251 – 255 seconds for V-1 and V-2. All specimens from this second set shall comply with the appropriate requirements

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## 检测样品照片 Photo of the test sample ( 老化前 Before aging )



A2250321340101001 原样 Original sample



A2250321340101001-001-#1~#5 检测前 Before test



检测中 During test



A2250321340101001-001-#1~#5 检测后 After test

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## 检测样品照片 Photo of the test sample (老化后 After aging)



A2250321340101001 原样 Original sample



A2250321340101001-001-#6~#10 检测前 Before test



检测中 During test



A2250321340101001-001-#6~#10 检测后 After test

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2.本报告替换报告 A225032134010100001E。A225032134010100001E 作废。

3.此次更改内容为修改委托单位。

Note: 1. Indicates the item(s)/method(s) is (are) not in CMA accreditation scope, the testing data and result is just for scientific research, education, internal quality control and product development etc.

2. This report replaced report A225032134010100001E. Report A225032134010100001E is terminated.

3. This change is change customer.

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\*\*\* End of Report \*\*\*