

## 检测报告

编号 : GZMR251003472001\_CN

日期 : 2025-11-03

页码 : 1 of 5



客户名称: 沧州渤海新区鑫一化工有限公司

客户地址: 河北省沧州市渤海新区港城大街科创园科研楼 6 楼 623 室

样品名称 : 聚合阻燃尼龙 PA6

供应商 : 沧州渤海新区鑫一化工有限公司

制造商 : 沧州渤海新区鑫一化工有限公司

以上信息及样品由客户提供及确认, SGS 不承担证实客户提供信息的准确性、适当性和(或)完整性的责任。

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SGS 参考号 : GZP25-028518

收样日期 : 2025-10-20

测试开始时间 : 2025-10-20

测试结束时间 : 2025-11-03

测试结果 : 请见下页 (除另有特别说明外, 此报告结果仅对测试样品负责)

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授权签名

李叶娇

授权签字人



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SGS-TESTING  
Guangzhou Branch Laboratory

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## 结果总结：

| 序号 | 测试项目            | 测试方法                            | 结果  | 结论 |
|----|-----------------|---------------------------------|-----|----|
| 1  | 50W (20mm) 垂直燃烧 | UL 94-2023 Rev.2-<br>2024 第 8 节 | V-0 | 合格 |

备注：合格：达到要求  
不合格：未达到要求  
/：不下判定



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1. 测试项目: 50W (20mm) 垂直燃烧

样品描述: A-粒料

测试方法: UL 94-2023 Rev.2-2024 第 8 节

测试条件:

试样: 128 mm × 12.8 mm × 3.2 mm

测试结果:

样品 A

| 处理条件                             | 常态: (23±2)°C, (50±5)%RH, 48h |     |     |     |     | 老化: (70±2)°C, 168h→<br>干燥器, (23±2)°C, 4h |   |     |   |   |
|----------------------------------|------------------------------|-----|-----|-----|-----|------------------------------------------|---|-----|---|---|
| 试样                               | 1                            | 2   | 3   | 4   | 5   | 1                                        | 2 | 3   | 4 | 5 |
| 第一次施加火焰后余焰时间 (s), $t_1$          | 0                            | 1.3 | 1.5 | 1.0 | 0   | 1.2                                      | 0 | 0   | 0 | 0 |
| 第二次施加火焰后余焰时间 (s), $t_2$          | 0.9                          | 0   | 0   | 1.8 | 1.9 | 2.0                                      | 0 | 1.6 | 0 | 0 |
| 第二次施加火焰后余辉时间 (s), $t_3$          | 0                            | 0   | 0   | 0   | 0   | 0                                        | 0 | 0   | 0 | 0 |
| 任何状态调节, 总余焰时间 (s), $t_1+t_2$     | 8.4                          |     |     |     |     | 4.8                                      |   |     |   |   |
| 第二次施加火焰后余焰时间加余辉时间 (s), $t_2+t_3$ | 0.9                          | 0   | 0   | 1.8 | 1.9 | 2.0                                      | 0 | 1.6 | 0 | 0 |
| 试样余焰或余辉是否蔓延到夹具                   | 否                            | 否   | 否   | 否   | 否   | 否                                        | 否 | 否   | 否 | 否 |
| 燃烧颗粒或滴落物是否引燃脱脂棉                  | 否                            | 否   | 否   | 否   | 否   | 否                                        | 否 | 否   | 否 | 否 |



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Guangzhou Branch Mass Analytical Laboratory

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等级: V-0 (见表 1)

客户要求: V-0

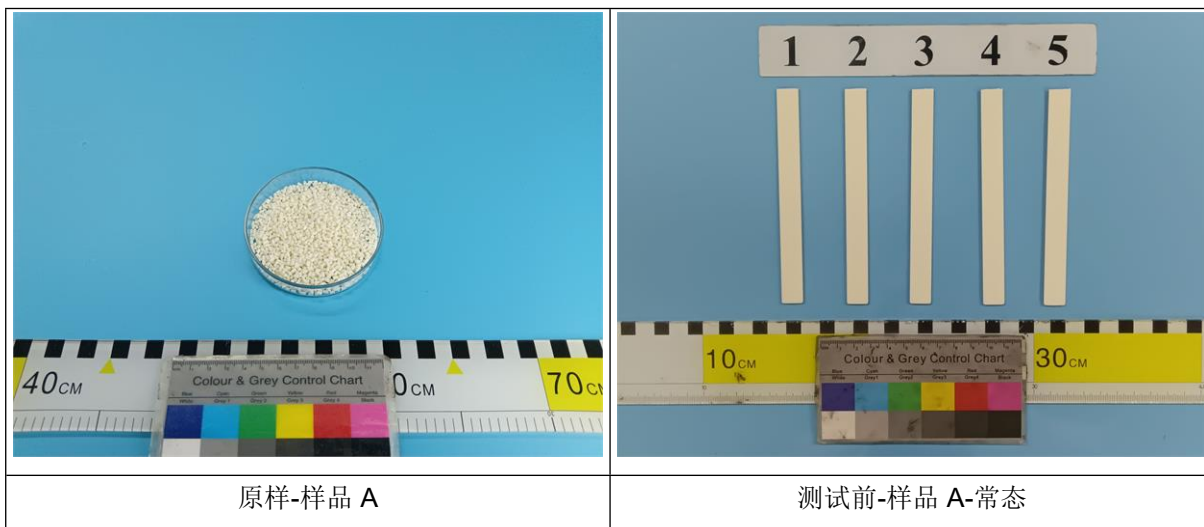
结论: 合格

表 1:

| 判定条件                                   | V-0        | V-1         | V-2         |
|----------------------------------------|------------|-------------|-------------|
| 单个试样余焰时间, $t_1$ 和 $t_2$                | $\leq 10s$ | $\leq 30s$  | $\leq 30s$  |
| 任何状态调节, 总余焰时间(5 个试样的 $t_1+t_2$ )       | $\leq 50s$ | $\leq 250s$ | $\leq 250s$ |
| 第二次施加火焰后单个试样余焰时间加余辉时间<br>( $t_2+t_3$ ) | $\leq 30s$ | $\leq 60s$  | $\leq 60s$  |
| 任一试样余焰或余辉是否蔓延到夹具                       | 否          | 否           | 否           |
| 燃烧颗粒或滴落物是否引燃脱脂棉                        | 否          | 否           | 是           |

备注: 测试试样为注塑成型。

测试照片:



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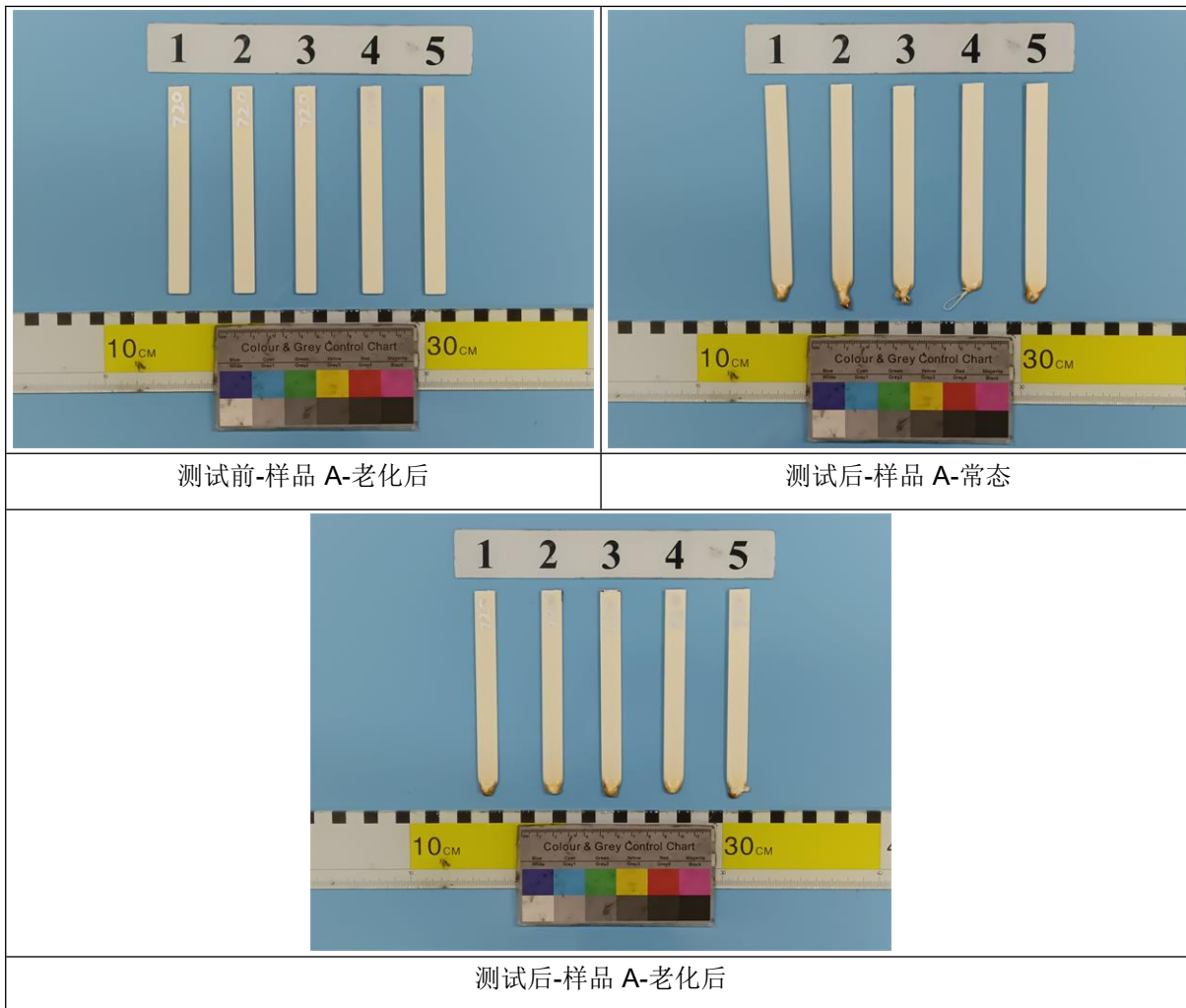
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## 设备信息:

| 设备      | 型号    | 设备编号         | 校准日期       | 下次校准日期     |
|---------|-------|--------------|------------|------------|
| 水平垂直燃烧仪 | HVUL2 | GZMR-PL-E297 | 2025-03-20 | 2026-03-19 |
| 电热鼓风烘箱  | UF750 | GZMR-AG-E181 | 2025-06-16 | 2026-06-15 |

## 附录信息:

\*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。

\*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。

\*\*\*\*\* 报告结束\*\*\*\*\*



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