



中国认可
国际互认
检测
TESTING
CNAS L0167

检测报告

编号 : GZMR260702529004
日期 : 2026-07-30
页码 : 1 of 6



客户名称: 重庆纤居新材料有限公司
客户地址: 重庆市大渡口区建胜镇新建村（建桥工业 B 区 2-1）号（F01 线生产厂房）

样品名称 : 玻纤增强复合材料型材（E-TS-AB）

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。

SGS 参考号 : CQP26-009118
收样日期 : 2026-07-15
测试开始时间 : 2026-07-15
测试结束时间 : 2026-07-30
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）

通标标准技术服务有限公司广州分公司
授权签名

李叶娇

李叶娇 授权签字人

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TEST REPORT | GZMR260702529004 | 30 July 2026

Client: Chongqing Xianju New Materials Co., Ltd.

Address: Xinjian Village, Jiansheng Town, Dadukou District,
Chongqing (Jianqiao Industrial Zone B, No. 2-1), F01 production
building.

Sample: Glass-fibre-reinforced composite profile (E-TS-AB).

The above information and the sample were provided and
confirmed by the client. SGS accepts no responsibility for
verifying the accuracy, appropriateness and/or completeness of
client-provided information.

SGS reference: CQP26-009118.

Sample received: 15 July 2026.

Testing: 15-30 July 2026.

Results: See following pages. Unless otherwise stated, results
relate only to the tested samples.

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou
Branch.

Authorized signatory: Li Yejiao.



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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; V-0, V-1, 或 V-2	UL 94-2023 Rev.2-2024 第 8 节	V-0	合格

备注: 合格: 达到要求
不合格: 未达到要求
N/A: 不下判定

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RESULT SUMMARY

Item 1: 50 W (20 mm) vertical burning; V-0, V-1 or V-2.

Method: UL 94-2023 Rev.2-2024, Section 8.

Result: V-0.

Conclusion: Pass.

Legend: Pass = meets requirements; Fail = does not meet requirements; N/A = no determination made.



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1. 测试项目: 50W (20mm) 垂直燃烧; V-0, V-1, 或 V-2

样品描述: A1-板材

测试方法: UL 94-2023 Rev.2-2024 第 8 节

测试条件:

常态试样: (125 ± 5) mm x (13.0 ± 0.5) mm x 10.1 mm

老化态试样: (125 ± 5) mm x (13.0 ± 0.5) mm x 10.1 mm

测试结果:

样品 A1-经向

处理条件	处理条件: (23±2) °C, (50±10) %RH, 48 h					处理条件: (70 ± 2) °C, 168 h → 干燥器, (23 ± 2) °C, 4 h				
试样	1	2	3	4	5	1	2	3	4	5
第一次施加火焰后余焰时间 (t ₁), s	0	0	0	0	0	0	0	0	0	0
第二次施加火焰后余焰时间 (t ₂), s	0	0	0	0	0	0	0	0	0	0
第二次施加火焰后余辉时间 (t ₃), s	0	0	0	0	0	0	0	0	0	0
任何状态调节, 总余焰时间 (t ₁ +t ₂), s	0					0				
第二次施加火焰后余焰时间加余辉时间 (t ₂ +t ₃), s	0	0	0	0	0	0	0	0	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
等级	V-0									
客户要求	V-0									
结论	合格									

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VERTICAL BURNING TEST

Sample description: A1 - sheet.

Method: UL 94-2023 Rev.2-2024, Section 8.

Both as-conditioned and aged specimens: (125 ± 5) mm × (13.0 ± 0.5) mm × 10.1 mm.

Sample A1 - longitudinal direction.

Conditioning, left group: (23 ± 2) °C, (50 ± 10)% RH, 48 h.

Conditioning, right group: (70 ± 2) °C for 168 h, then desiccator at (23 ± 2) °C for 4 h.

Five specimens per conditioning group.

RESULT ROWS (same order as original)

Afterflame time after first flame application (t1): 0 s for all specimens.

Afterflame time after second application (t2): 0 s for all specimens.

Afterglow time after second application (t3): 0 s for all specimens.

Total afterflame time (t1 + t2) for each conditioning group: 0 s.

Afterflame plus afterglow after second application (t2 + t3): 0 s for all specimens.

Did afterflame/afterglow reach the holding clamp? No, all specimens.

Did burning particles or drops ignite the cotton? No, all specimens.

Classification: V-0. Client requirement: V-0. Conclusion: Pass.



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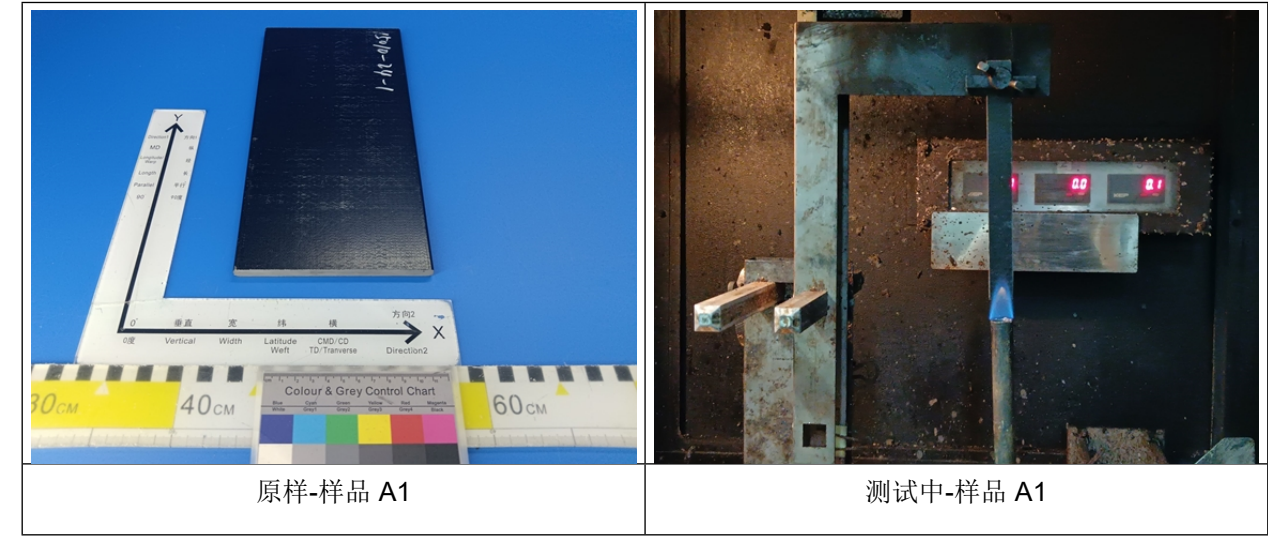
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表 1:

判定条件	V-0	V-1	V-2
单个试样余焰时间, t ₁ 和 t ₂	≤10s	≤30s	≤30s
任何状态调节, 总余焰时间(5 个试样的 t ₁ +t ₂)	≤50s	≤250s	≤250s
第二次施加火焰后单个试样余焰时间加余辉时间 (t ₂ +t ₃)	≤30s	≤60s	≤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:
测试试样从样品中截取。
测试照片:



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TABLE 1 - CLASSIFICATION CRITERIA

Columns: V-0 / V-1 / V-2.

Individual afterflame time t1 and t2: ≤10 s / ≤30 s / ≤30 s.

Total afterflame time for five specimens in each conditioning
group: ≤50 s / ≤250 s / ≤250 s.

Individual afterflame plus afterglow after second application (t2 +
t3): ≤30 s / ≤60 s / ≤60 s.

Afterflame/afterglow reaches holding clamp: No / No / No.

Burning particles or drops ignite cotton: No / No / Yes.

Note: Test specimens were cut from the submitted sample.

PHOTO CAPTIONS

Left: Original sample - A1.

Right: During testing - A1.

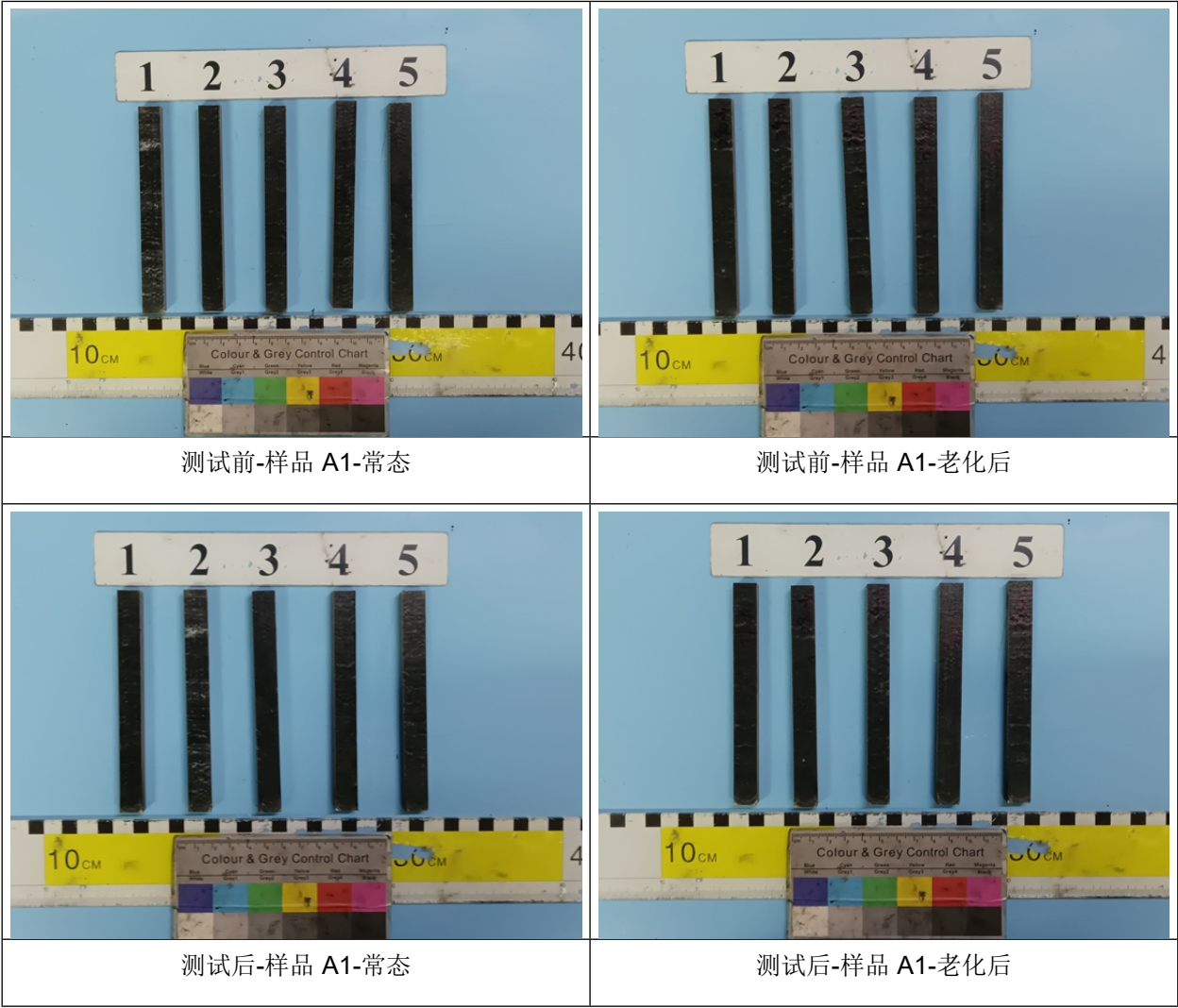


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设备信息:

设备名称	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	2026-02-27	2027-02-26
电热鼓风烘箱	UF750	GZMR-AG-E181	2026-05-22	2027-05-21

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PHOTO CAPTIONS

Upper left: Before testing - A1, as-conditioned.
Upper right: Before testing - A1, after ageing.
Lower left: After testing - A1, as-conditioned.
Lower right: After testing - A1, after ageing.

EQUIPMENT INFORMATION

Columns: equipment name; model; equipment ID; calibration
date; next calibration due.

Horizontal/vertical burning tester: HVUL2; GZMR-PL-E297; 27
February 2026; 26 February 2027.

Forced-air electric oven: UF750; GZMR-AG-E181; 22 May 2026;
21 May 2027.



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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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APPENDIX INFORMATION

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The test report is intended only for the client's scientific research,
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