

检测报告

编号 : GZMR231003161501_CN

日期 : 2023-11-13

页码 : 1 of 9



客户名称: 绍兴优景相框制造有限公司

客户地址: 浙江省绍兴市上虞区丰惠镇永庆村西蒲(百丰路66号)(绍兴艾博工艺品有限公司厂内)

样品名称 : 塑木板材

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 : XMP23-001443

收样日期 : 2023-10-30

测试开始时间 : 2023-10-30

测试结束时间 : 2023-11-13

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

授权签字人



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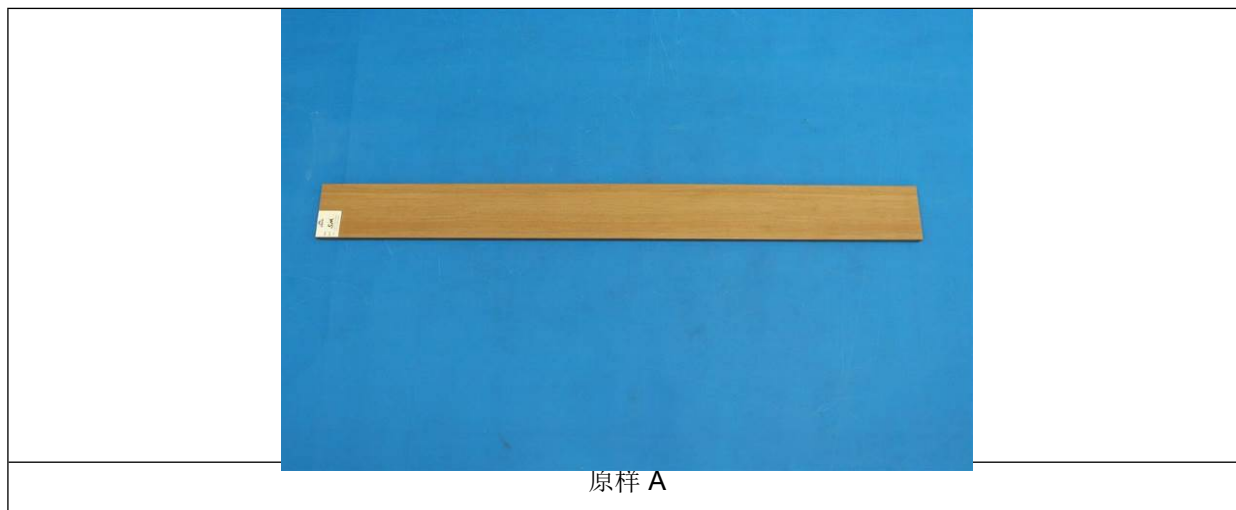
页码 : 2 of 9

结果总结:

序号	测试项目	测试方法	结果	结论
1	熔融温度	ASTM E794-06(2018)	详见结果	/
2	悬臂梁缺口冲击强度	ISO 180:2023	1.41kJ/m ² C(完全破坏)	/
3	弯曲强度	ISO 178:2019 方法 A	29.3MPa	/
4	耐划痕	BS EN 15186:2012 方法 B	最小负荷: 2.5N	/

备注: 合格: 达到要求
不合格: 未达到要求
/: 不下判定

原样照片:



原样 A



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检测报告

编号 : GZMR231003161501_CN

日期 : 2023-11-13

页码 : 3 of 9

1.测试项目: 熔融温度

样品描述: 板

测试方法: ASTM E794-06(2018), 分析仪器为 DSC。

测试条件:

样品容器类型: Al;

吹扫气体流速(氮气: 99.999%): 50ml/min;

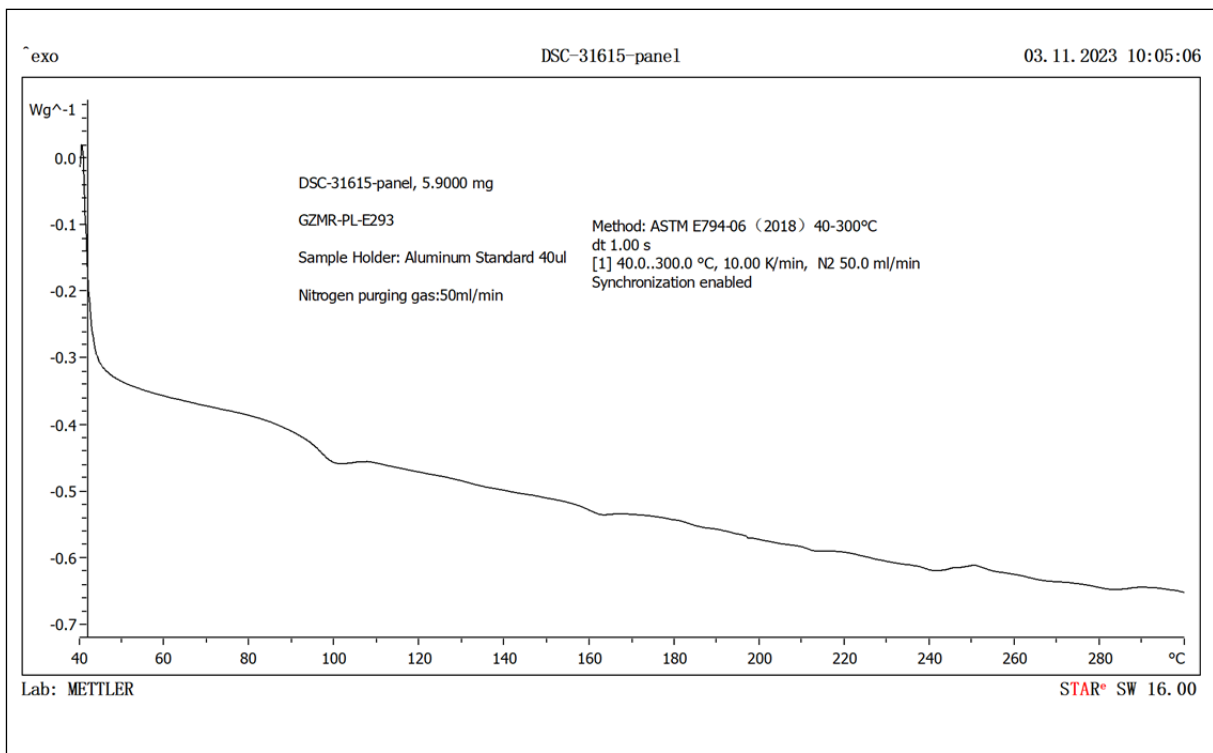
升温范围: 40~300℃;

升温速率: 10℃/min。

测试结果:

测试项目	结果(DSC 曲线见图 1)
熔融温度	在 40~300℃ 范围内未检出熔融温度

图 1



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检测报告

编号 : GZMR231003161501_CN

日期 : 2023-11-13

页码 : 4 of 9

设备信息:

设备	型号	设备编号	校准日期	下次校准日期
差示扫描量热仪	DSC 3	GZMR-PL-E293	2022-03-18	2024-03-17

2.测试项目: 悬臂梁缺口冲击强度

样品描述: 板

测试方法: ISO 180:2023

测试条件:

试样: ISO 180/A (缺口制备: 机械加工)

试样厚度: 12.1mm

摆锤能量: 1J

冲击速度: 3.46 m/s

实验室环境条件: (23±2)°C, (50±5)%RH

测试结果:

测试项目	测试结果
悬臂梁缺口冲击强度	1.41kJ/m ² C(完全破坏)

备注: 测试试样从样品中截取。

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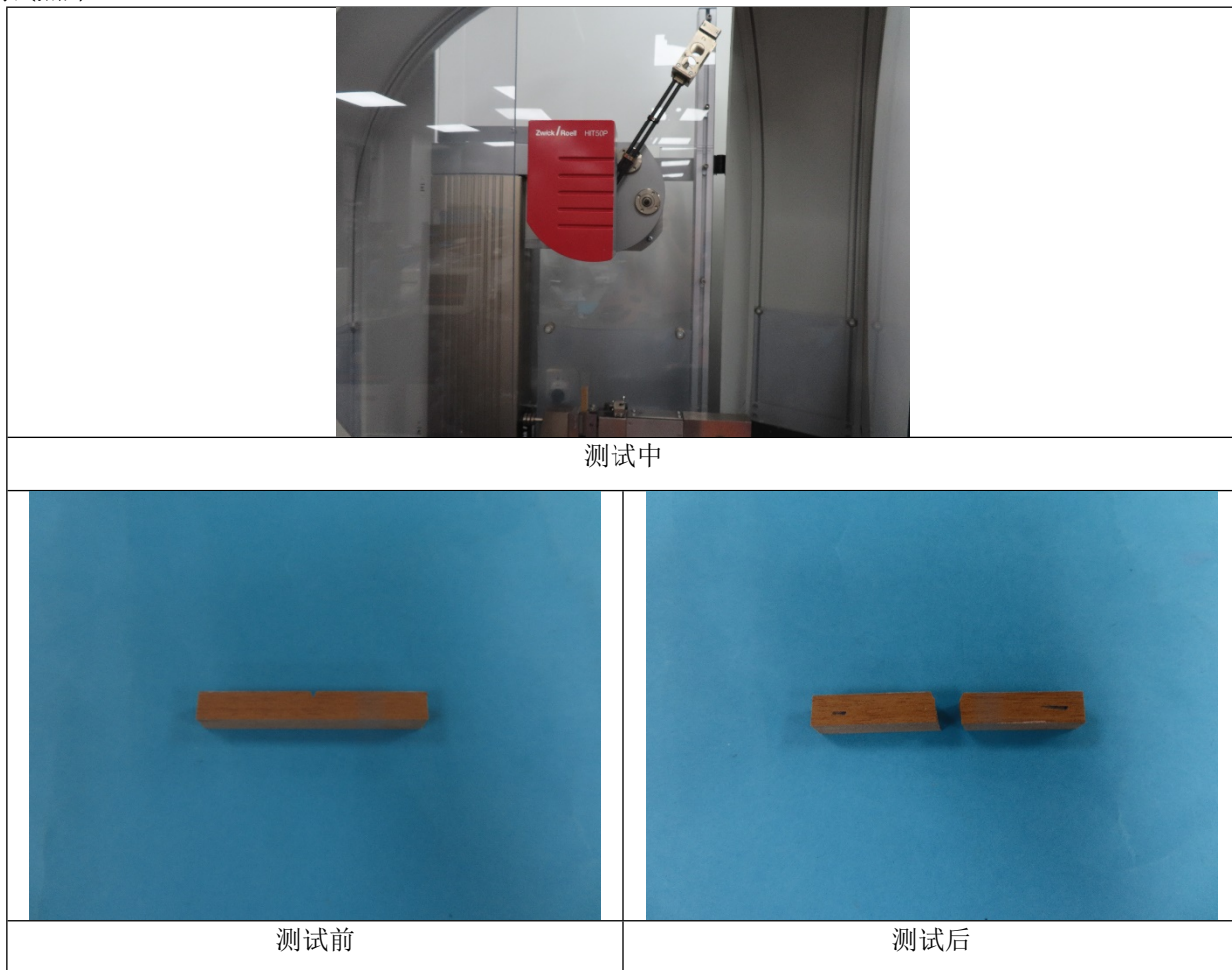
检测报告

编号 : GZMR231003161501_CN

日期 : 2023-11-13

页码 : 5 of 9

测试照片:



设备信息:

设备	型号	设备编号	校准日期	下次校准日期
冲击试验仪	HIT50P	GZMR-PL-E283	2023-06-26	2024-06-25

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检测报告

编号 : GZMR231003161501_CN

日期 : 2023-11-13

页码 : 6 of 9

3.测试项目: 弯曲强度

样品描述: 板

测试方法: ISO 178:2019 方法 A

测试条件:

试样: 280mm×20.07mm×13.79mm

测试速度: 5 mm/min

跨距: 221mm

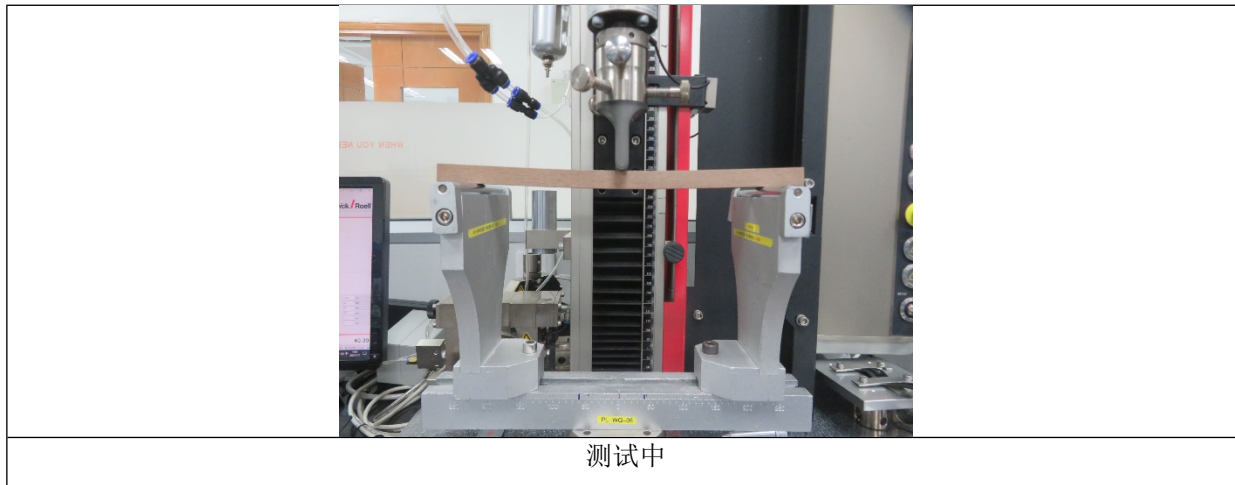
实验室环境条件: (23±2)°C, (50±5)%RH

测试结果:

测试项目	测试结果
弯曲强度	29.3MPa

备注: 测试试样从样品中裁取。

测试照片:



测试中

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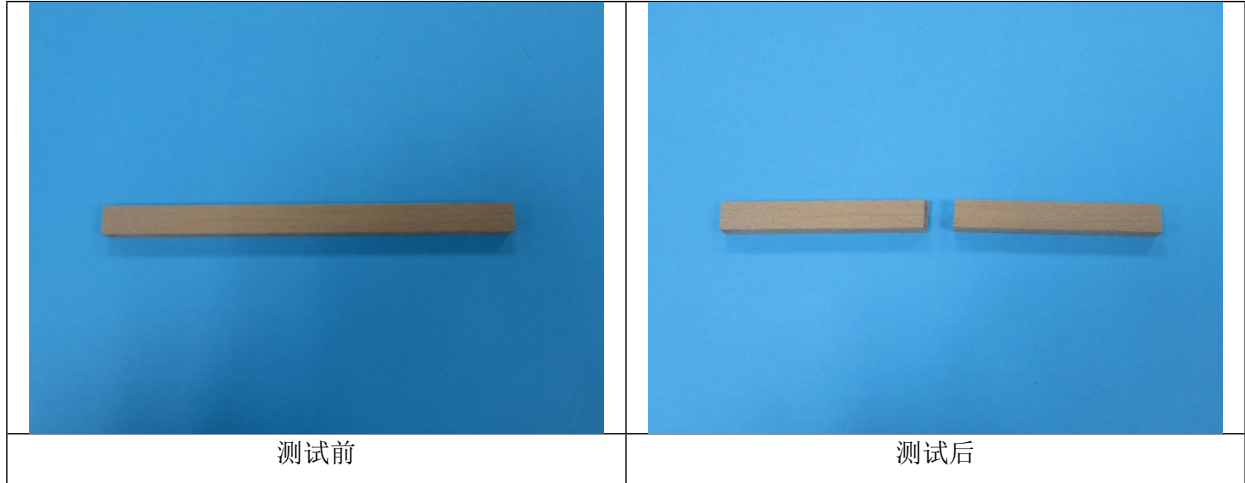
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检测报告

编号 : GZMR231003161501_CN

日期 : 2023-11-13

页码 : 7 of 9



设备信息:

设备	型号	设备编号	校准日期	下次校准日期
电子万能材料试验机	Z2.5	GZMR-PL-E370	2023-03-16	2024-03-15

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检测报告

编号 : GZMR231003161501_CN

日期 : 2023-11-13

页码 : 8 of 9

4.测试项目: 耐划痕

样品描述: 板

测试方法: BS EN 15186:2012 方法 B

测试条件:

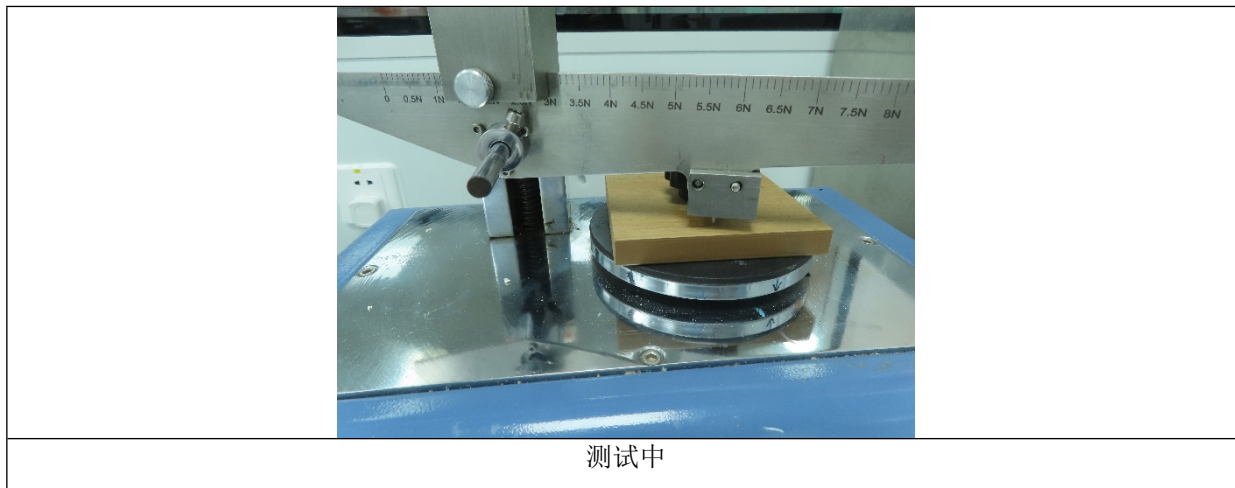
预处理: $(23\pm 2)^{\circ}\text{C}$, $(50\pm 5)\%\text{RH}$, 7 天刮擦头: 半球形钻石刮头半径 $(0.09\pm 0.003)\text{mm}$, 坡口夹角 $(90\pm 1)^{\circ}$ 转动频率: $(5\pm 1)\text{min}^{-1}$

测试结果:

测试项目	最小负荷(见备注)
耐划痕	2.5N

备注: 最小负荷是指可以在观察板的 6 个卡槽内观察到可见划痕的最小负荷。

测试照片:

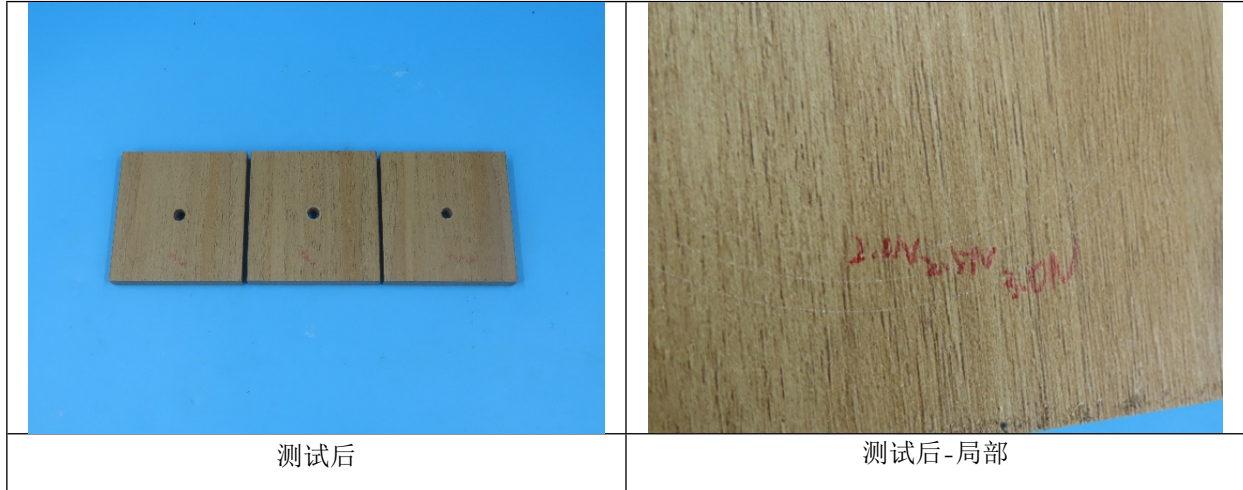


检测报告

编号 : GZMR231003161501_CN

日期 : 2023-11-13

页码 : 9 of 9



设备信息:

设备	型号	设备编号	校准日期	下次校准日期
耐划痕试验机	TG-5501	GZMR-AG-E127	2023-02-20	2024-02-19

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