

检测报告

编号 : GZMR240501320201_CN
日期 : 2024-12-17
页码 : 1 of 12



客户名称: 盐城金穗亚克力有限公司
客户地址: 江苏省盐城市响水县陈家港镇沿海经济开发区灌河一路北侧 3 号

样品名称 : 透明亚克力板
产品规格 : 厚度: 4 mm
生产商 : 盐城金穗亚克力有限公司

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。

SGS 参考号 : SHIN2405003491PL01
收样日期 : 2024-05-15
测试开始时间 : 2024-05-15
测试结束时间 : 2024-12-17
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

彭卫玲 授权签字人



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结果总结:

序号	测试项目	测试方法	结果	结论
1	光老化试验-氙灯辐射暴露	GB/T 7134-2008 第 6.9.3 节 & GB/T 16422.2-2022 循环 1 & ISO 105-A02:1993/Cor 2:2005	详见结果	/
2	5000h 总透光率(光老化试验-氙灯辐射暴露)	GB/T 2410-2008 方法 A	90.3 %	/

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：光老化试验-氙灯辐射暴露

样品描述：片材

测试方法：GB/T 7134-2008 第 6.9.3 节 & GB/T 16422.2-2022 循环 1 & ISO 105-A02:1993/Cor 2:2005

测试条件：

试验循环：

辐照度：(0.51±0.02)W/(m²·nm)@340nm

光照：102min，黑标温度：(65±3)°C，箱体温度：(38±3)°C，相对湿度：(50±10)%RH

光照和喷淋：18min

滤镜：Boro/Boro

暴露时间：5000 小时

测试结果：

测试项目	暴露时间	灰标等级	外观
光老化试验-氙灯辐射 暴露	480h	5	无可见变黄
	720h	4-5	无可见变黄
	1000h	4-5	无可见变黄
	1266h	4-5	无可见变黄
	1400h	4-5	无可见变黄
	1600h	4-5	无可见变黄
	1800h	4-5	无可见变黄
	2000h	4-5	无可见变黄
	2200h	4-5	无可见变黄
	2400h	4-5	无可见变黄
	2600h	4-5	无可见变黄
	2800h	4-5	无可见变黄
3000h	4-5	无可见变黄	



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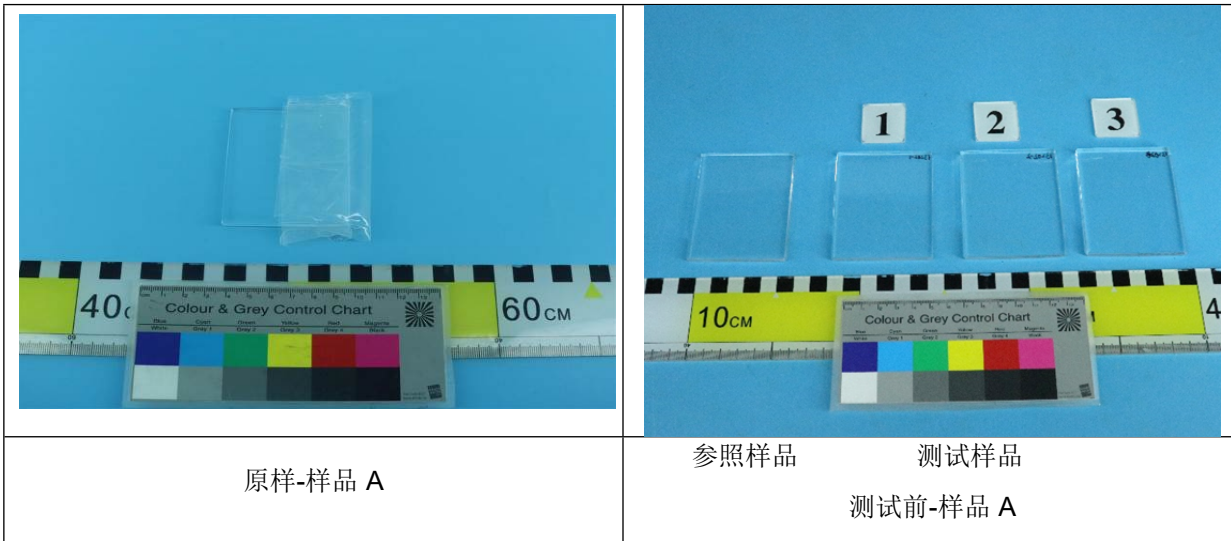
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测试项目	暴露时间	灰标等级	外观
光老化试验-氙灯辐射 暴露	3200h	4-5	无可见变黄
	3400h	4-5	无可见变黄
	3600h	4-5	无可见变黄
	3800h	4-5	无可见变黄
	4000h	4-5	无可见变黄
	4200h	4-5	无可见变黄
	4400h	4-5	无可见变黄
	4600h	4-5	无可见变黄
	4800h	4-5	无可见变黄
	5000h	4-5	无可见变黄

备注:

1. 根据 ISO 105-A02:1993/Cor 2:2005, 灰标等级是在标准光源 D65 下评定, 5 级最好, 1 级最差。
2. 中间查样和测试结束后的结果评定都是在上述指定的暴露周期后的 1 小时内进行。
3. 测试前撕掉试样两面的保护膜。

测试照片:



原样-样品 A

参照样品
测试样品
测试前-样品 A



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<p>参照样品 测试样品</p> <p>测试后-样品 A-480h</p>	<p>参照样品 测试样品</p> <p>测试后-样品 A-720h</p>
<p>参照样品 测试样品</p> <p>测试后-样品 A-1000h</p>	<p>参照样品 测试样品</p> <p>测试后-样品 A-1266h</p>



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<p>参照样品 测试样品 测试后-样品 A-1800h</p>	<p>参照样品 测试样品 测试后-样品 A-2000h</p>



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<p>参照样品 测试样品</p> <p>测试后-样品 A-2200h</p>	<p>参照样品 测试样品</p> <p>测试后-样品 A-2400h</p>
<p>参照样品 测试样品</p> <p>测试后-样品 A-2600h</p>	<p>参照样品 测试样品</p> <p>测试后-样品 A-2800h</p>



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<p>参照样品 测试样品 测试后-样品 A-3000h</p>	<p>参照样品 测试样品 测试后-样品 A-3200h</p>
<p>参照样品 测试样品 测试后-样品 A-3400h</p>	<p>参照样品 测试样品 测试后-样品 A-3600h</p>



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<p>参照样品 测试样品 测试后-样品 A-3800h</p>	<p>参照样品 测试样品 测试后-样品 A-4000h</p>
<p>参照样品 测试样品 测试后-样品 A-4200h</p>	<p>参照样品 测试样品 测试后-样品 A-4400h</p>



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<p>参照样品 测试样品 测试后-样品 A-4600h</p>	<p>参照样品 测试样品 测试后-样品 A-4800h</p>
<p>参照样品 测试样品 测试后-样品 A-5000h</p>	



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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
氙弧灯日晒老化机	Ci5000	GZMR-AG-E169	2023-06-16	2024-06-15
氙弧灯日晒老化机	Ci5000	GZMR-AG-E169	2024-05-21	2025-05-20
标准光源灯箱	CAC 120-5	GZMR-AG-E287	2023-06-14	2024-06-13
标准光源灯箱	CAC 120-5	GZMR-AG-E287	2024-06-06	2025-06-05

2.测试项目: 5000h 总透光率(光老化试验-氙灯辐射暴露)

样品描述: 片材

测试方法: GB/T 2410-2008 方法 A

测试条件:

光老化条件: 见测试项目 1→(23 ± 2)°C, (50 ± 5) %RH, 24h

试样厚度: 5.65mm

光源: C

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
透光率	90.3 %

备注: 测试前撕掉试样两面的保护膜。



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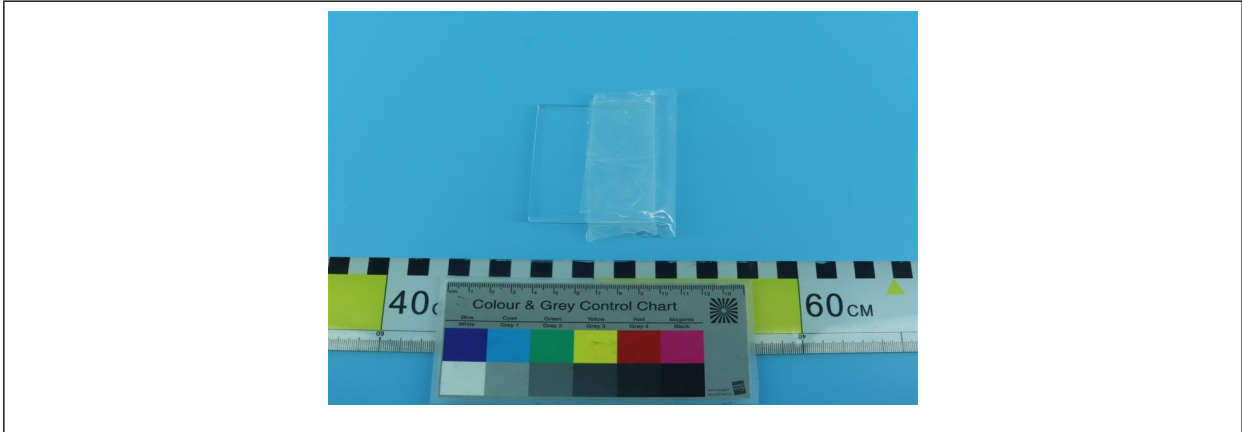
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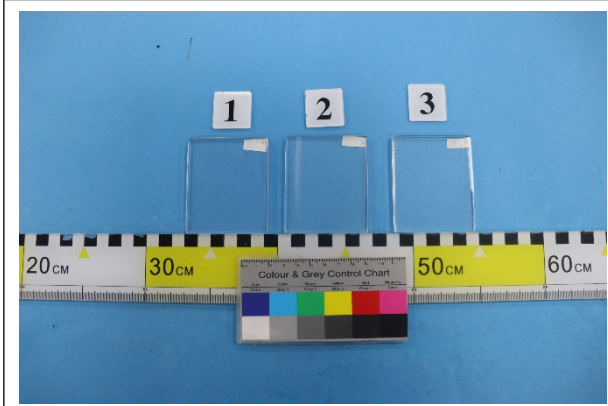
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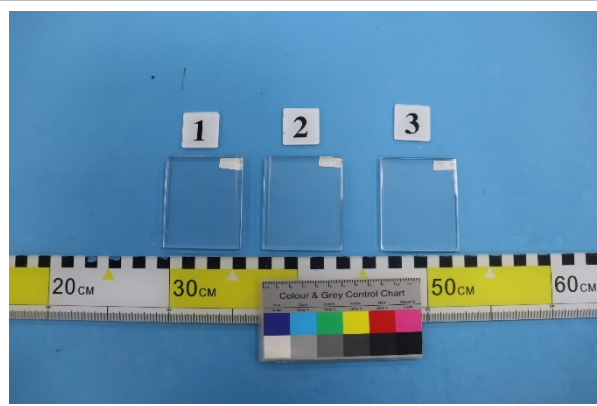
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测试前-样品 A



测试后-样品 A

设备信息:

设备	型号	设备编号	校准日期	下次校准日期
透光率/雾度测定仪	NDH5000	GZMR-PL-E083	2024-06-21	2025-06-20

附录信息:

- *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。
- *检测方法 GB/T 7134-2008 不在 CNAS 认可范围内。

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