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检测
TESTING
CNAS L0599

检测报告

编号 : SHMR250801875701_CN

日期 : 2025-10-10

页码 : 1 of 12



客户名称: 河北川泰新材料科技有限公司
客户地址: 河北省邢台市威县常庄镇牛家寨村创业街 6 号

样品名称 : 螺旋保护套
样品参考信息 : 样品 A: 黑色;样品 B: 白色;样品 C: 塑料粒子;样品 C: 塑料粒子

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 : SHP25-028349
收样日期 : 2025-08-19
测试开始时间 : 2025-08-19
测试结束时间 : 2025-10-10
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(上海)有限公司
授权签名

孙梦寒

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	高温试验	GJB 150.3A-2009 和客户要求	无裂纹, 无断裂。	/
2	耐低温试验	GJB 150.4A-2009 和客户要求	无裂纹, 无断裂。	/
3	拉伸测试	GB/T 1040.2-2022	见结果	/
4	滚动磨损试验方法	GB/T 5478-2008	88.6 mg	/

备注: 合格: 达到要求
不合格: 未达到要求
/: 不下判定



SGS CSTC (Shanghai) Technical Services (Shanghai) Co., Ltd.
Materials & Reliability Laboratory

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1. 测试项目: 高温试验

样品描述: A-黑色试样

测试方法: GJB 150.3A-2009 和客户要求

客户要求: 高温后进行冲击测试。

测试条件:

高温老化条件: 100°C, 24 h

老化后使用填充物(客户提供)填充样品, 然后立即进行冲击测试。

冲击条件:

锤头质量: 300 g

冲击高度: 100 mm

测试结果:

样品 A

试样	外观
A	无裂纹, 无断裂。

备注: 测试方法 GJB 150.3A-2009 不在 CNAS 认可的测试能力范围内。



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测试照片:

	
参比样 测试样 测试前-样品 A	参比样 测试样 测试后-样品 A
	/
测试后特写-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
烘箱	UF260	P-537	2025-04-14	2026-04-13



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2. 测试项目: 耐低温试验

样品描述: B-白色试样

测试方法: GJB 150.4A-2009 和客户要求

客户要求: 低温后进行冲击测试。

测试条件:

测试温度: -50°C

测试周期: 24 h

老化后使用填充物(客户提供)填充样品, 然后立即进行冲击测试。

冲击条件:

锤头质量: 300 g

冲击高度: 100 mm

实验室环境条件: (23 ± 2) °C, (50 ± 5) %RH

测试结果:

样品 B

试样	外观
B	无裂纹, 无断裂。

备注: 测试方法 GJB 150.4A-2009 不在 CNAS 认可的测试能力范围内。



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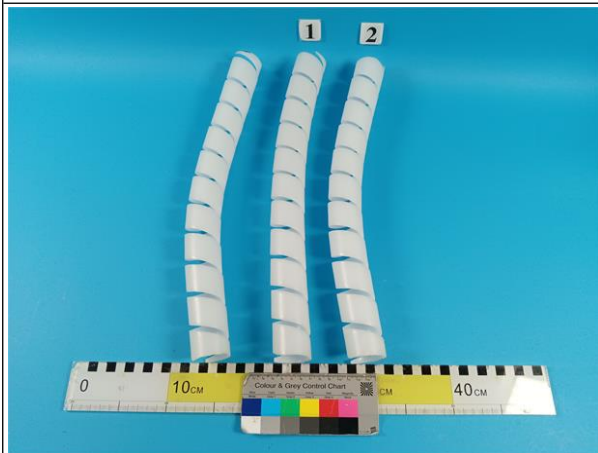
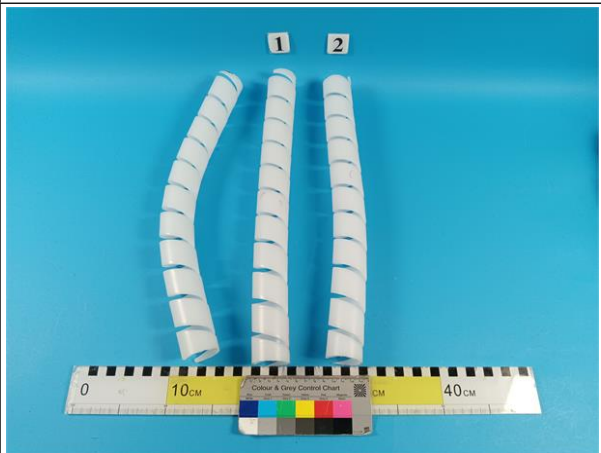
测试照片:



原样-样品 B

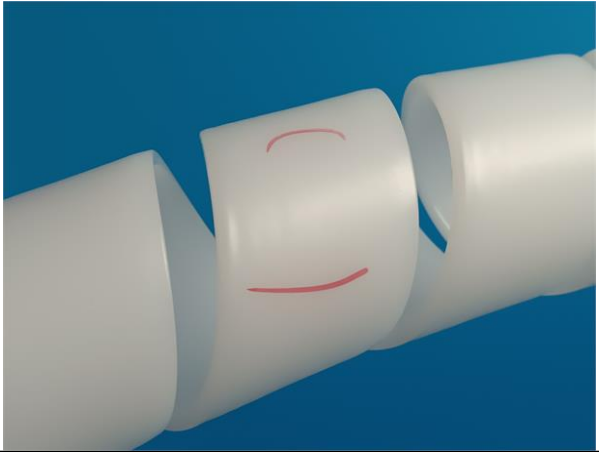


测试中-样品 B

参比样 测试样
测试前-样品 B参比样 测试样
测试后-样品 B

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	/
测试后特写-样品 B	/

设备信息:

设备	型号	设备编号	校准日期	下次校准日期
气候试验箱	C7-340 E series	P-877	2024-12-26	2025-12-25



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3. 测试项目: 拉伸测试

样品描述: C1-白色粒子

测试方法: GB/T 1040.2-2022

测试条件:

试样类型: 1A 型

试样厚度: 3.983 mm

测试速度: 拉伸模量: 1 mm/min; 拉伸强度: 50 mm/min

标距: 75 mm

初始夹具间距: 115 mm

实验室环境条件: (23 ± 2) °C , (50 ± 5) %RH

测试结果:

样品 C1-拉伸

测试项目	测试结果
拉伸强度	26.1 MPa
拉伸断裂标称应变	60 %
拉伸模量	1140 MPa

原始数据:

试样编号	1	2	3	4	5
拉伸强度, MPa	26.11	26.26	26.05	26.17	26.15
拉伸断裂标称应变, %	64.1	58.7	59.2	58.5	58.8
拉伸模量, MPa	1144	1148	1122	1142	1142

备注: 测试试样为注塑成型。



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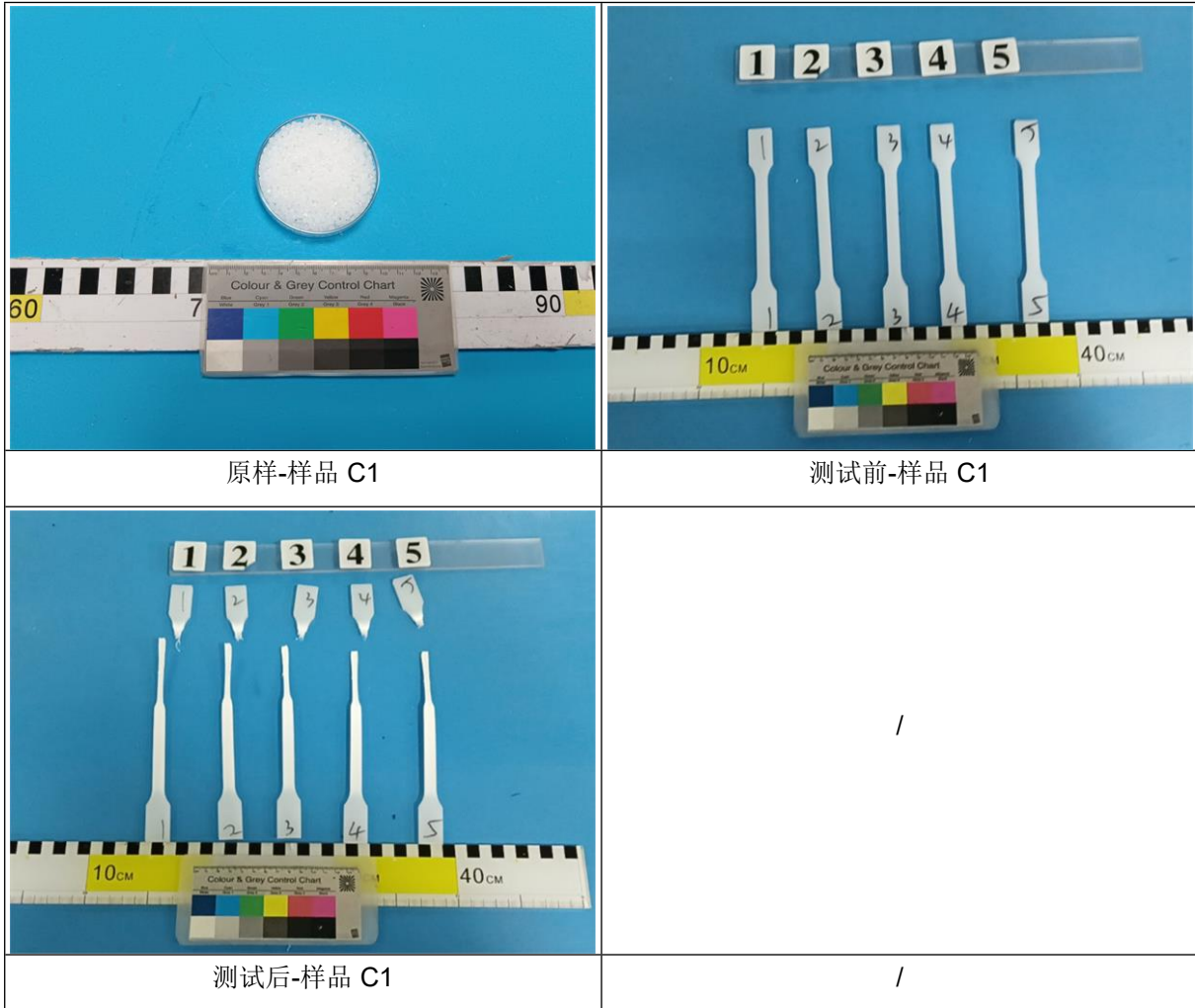
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测试照片:



设备信息:

设备	型号	设备编号	校准日期	下次校准日期
电子万能试验机	BTC-EXMULTI.002	P-499	2024-12-03	2025-12-02



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4. 测试项目: 滚动磨损试验方法

样品描述: C3-白色粒子

测试方法: GB/T 5478-2008

测试条件:

速度: 60rpm

转数: 1000

磨轮型号: H-18

负载: 1000 g/轮

实验室环境条件: (23 ± 2) °C, (50 ± 5) %RH

测试结果:

样品	质量损失 (mg)
C3	88.6 mg

备注:

- 重量损失=测试前重量-测试后重量
- 测试试样为注塑后裁样。
- 测试方法 GB/T 5478-2008 不在 CNAS 认可的测试能力范围内。



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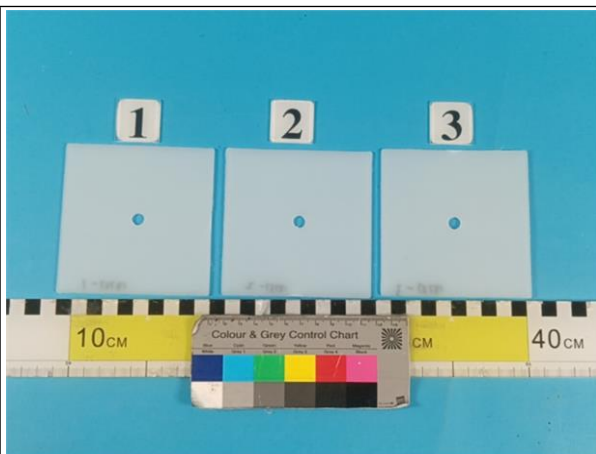
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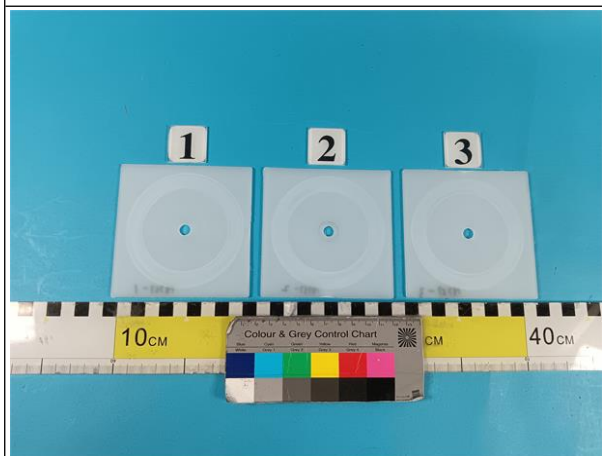
测试照片:



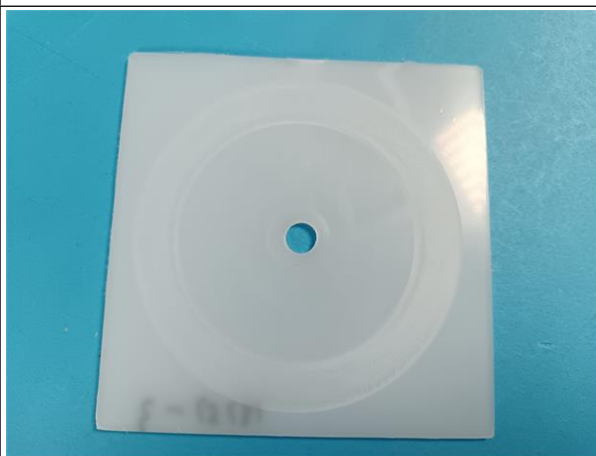
原样-样品 C3



测试前-样品 C3



测试后-样品 C3



测试后特写-样品 C3



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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
电子天平	XPE204	P-403	2024-11-14	2025-11-13
旋转磨耗仪	Model5155	P-680	2024-10-11	2025-10-10

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。

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