

测试报告

编号 : SHIN2404026206MR_CN

日期 : 2024-10-18

页码 : 1 of 9

客户名称: 南京圣辉橡塑有限公司
客户地址: 江苏省南京市高淳区韩村集镇 38 号

样品名称 : 三元乙丙橡胶板 5mm

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 : SHIN2404026191PS
收样日期 : 2024-10-12
测试开始时间 : 2024-10-14
测试结束时间 : 2024-10-16
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

邓润芝

邓润芝

授权签字人



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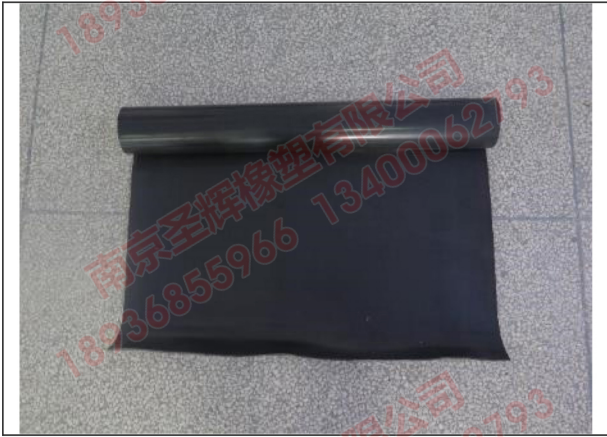
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结果总结:

序号	测试项目	测试方法	结果	结论
1	密度	ISO 1183-1:2012 方法 A	1.310 g/cm³	/
2	耐磨耗	ISO 9352:2012 和客户要 求	87.8 mg	/
3	邵氏硬度	ISO 48-4:2018	57 Shore A	/
4	拉伸测试	ISO 37:2017 和客户要求	见结果	/
5	垂直燃烧	UL 94-2013 Rev.9-2018 第 8 节	等级: V-0	/

备注: 合格: 达到要求
不合格: 未达到要求
/: 不下判定

原样照片:



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1. 测试项目: 密度

样品描述: 黑色橡胶片

测试方法: ISO 1183-1:2012 方法 A

测试条件:

去离子水, $23 \pm 2^{\circ}\text{C}$

实验室环境条件: $23 \pm 2^{\circ}\text{C}$, $50 \pm 5\% \text{ RH}$

测试结果:

测试项目	测试结果
密度	1.310 g/cm^3

备注: 测试试样从样品中截取。



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2.测试项目：耐磨耗
样品描述：黑色橡胶片
测试方法：ISO 9352:2012
客户要求：试样为橡胶片，不是标准适用的塑料件。

测试条件：
轮子型号：H22
负重：250g/轮 (总重 500g)
转数：1000

测试结果：

样品	质量损失(mg)
1	87.8

备注：质量损失=测试前重量-测试后重量。



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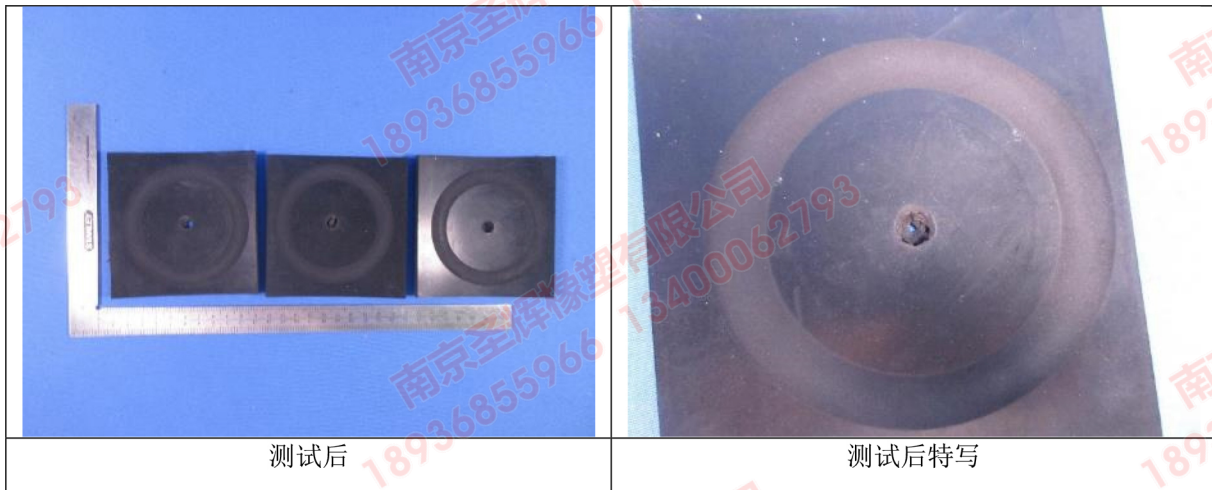
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3. 测试项目: 邵氏硬度

样品描述: 黑色橡胶片

测试方法: ISO 48-4:2018

测试条件:

试样厚度: 10mm(2 层叠加)

邵氏 A 型硬度计

读数时间: 3s

实验室环境条件: (23±2)℃, (50±5)%RH

测试结果:

测试项目	测试结果
邵氏硬度	57 Shore A

备注: 测试试样从样品中截取。



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4. 测试项目: 拉伸测试
样品描述: 黑色橡胶片
测试方法: ISO 37:2017
客户要求: 根据 ISO 37:2017, 试样最大厚度应为 3.0 mm

测试条件:

试样: 1 型
试样厚度: 5mm
测试速度: 500 mm/min
标距: 25 mm

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
拉伸强度	7.68 MPa
断裂伸长率	556 %

备注: 测试试样从样品中截取。



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5. 测试项目: 垂直燃烧

样品描述: 黑色橡胶片

测试方法: UL 94-2013 Rev.9-2018 第 8 节

测试条件:

试样: 127mm×12.7mm×5mm

测试结果:

处理条件	常态: (23±2)℃, (50±5)%RH, 48h					老化: (70±2)℃, 168h→ 干燥器, (23±2)℃, 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	0	0	0	0	0	0	0	0	0
第二次施加火焰后余焰时间 (s), t ₂	0	0	0	0	0	0	0	0	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	0					0				
第二次施加火焰后余焰时间加余辉 时间 (s), t ₂ +t ₃	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 (见表 1)



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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 或 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。

- 该检测报告为由 SGS 通标标准技术服务（上海）有限公司发布的原检测报告 编号：
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