



检测报告 Test Report

报告编号 A2260084006101E

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报告抬头公司 衡水科信橡塑有限公司

Company Name HENGSHUI KEXIN RUBBER & PLASTIC CO., LTD

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以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

样品名称	硅橡胶垫
Sample Name	Silicone rubber pad
材质	硅橡胶
Material	Silicone rubber pad
样品接收日期	2026.01.29
Sample Received Date	Jan. 29, 2026
样品检测日期	2026.01.29-2026.02.09
Testing Period	Jan. 29, 2026-Feb. 9, 2026

批 准
Approved by

林东杰

授权签字人

Approved Signatory

华测检测认证集团股份有限公司



日 期
Date

2026.02.09
Feb. 9, 2026

No. RAB956FD88

广东省深圳市宝安区 70 区鸿威工业园

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检测要求

序号 No.	测试项目 Test Item
1	燃烧性（水平燃烧） Flammability (Horizontal burning)
2	燃烧性（垂直燃烧） Flammability (Vertical burning)

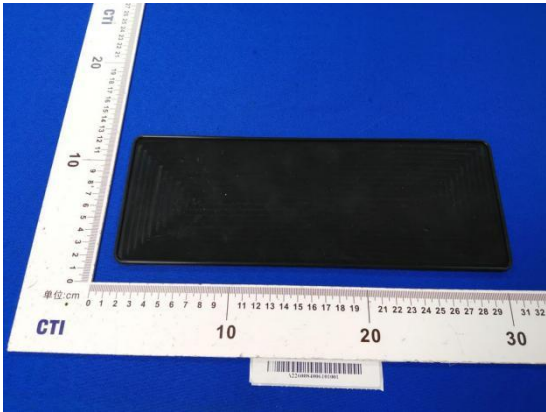
检测结果：请参见后续页面。
Test Result(s): Please see the following pages.

测试样品

样品编号 Sample No.	样品名称 Sample Name	材质 Material
A2260084006101001	硅橡胶垫 Silicone rubber pad	硅橡胶 Silicone rubber pad

样品图片

Sample Photo(s)



A2260084006101001

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测试项目 1：燃烧性（水平燃烧）
Test Item1: Flammability (Horizontal burning)

1. 测试设备 Test Equipment

设备名称 Equipment Name	型 号 Model
水平垂直燃烧试验仪 Horizontal - vertical Flammability Test Instrument	RH-6033B

2. 环境条件 Environmental Conditions

温度: 23±2℃; 湿度: 50±5%RH
Temperature: 23±2℃; Humidity: 50±5%RH

3. 测试标准 Test Standard: GB/T 2408-2021

4. 测试条件

Test Condition

火焰高度要求是 20±1mm，点火时间 30±1s，火焰源倾斜 45°，样品夹持时与水平间保持 45°。

样品尺寸：125mm×13.0mm×3.07mm

划分到 HB 类的材料应符合下列指标之一：

- a) 移开引燃源后不应有明显的有焰燃烧；
- b) 如果移开引燃源后试验样品继续有焰燃烧，则火焰前沿不应通过 100mm 标志线；
- c) 燃烧距离 75mm，样品厚度 3.0~13mm，燃烧速度≤40mm/min；燃烧距离 75mm，样品厚度<3.0mm，燃烧速度≤75mm/min；
- d) 燃烧距离 75mm，样品厚度在 3.0±0.2mm，燃烧速度≤40mm/min，那么降至 1.5mm 最小厚度时，就应自动地接受为该级。

划分到 HB40 类的材料应符合下列指标之一：

- a) 移开引燃源后不应有明显的有焰燃烧；
- b) 如果移开引燃源后试验样品继续有焰燃烧，则火焰前沿不应通过 100mm 标志线；
- c) 如果火焰前沿通过了 100mm 标志线，则线性燃烧速率不应大于 40mm/min。

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HB75 类：材料即使火焰前沿通过了 100mm 标志线，其线性燃烧速率也不应大于 75mm/min。

Flame height requirement is 20 ± 1 mm, ignition time is 30 ± 1 s, flame source tilt 45° , with the level of the sample holder maintained between 45° .

Sample Size: 125mm×13.0mm×3.07mm

A material classified HB shall present one of the following criteria:

- a) It shall not visibly burn with a flame after the ignition source is removed;
- b) If the test specimens continue to burn with a flame after removal of the ignition source, it shall not have the flame front pass the 100mm mark;
- c) Not have a burning rate exceeding 40mm per minute over a 75mm span for specimens having a thickness of 3.0~13mm, or
Not have a burning rate exceeding 75mm per minute over a 75mm span for specimens having a thickness less than 3.0mm, or
- d) A material classified HB in the 3.0 ± 0.2 mm thickness shall automatically be classed HB down to a 1.5mm minimum thickness without additional testing.

A material classified HB40 shall present one of the following criteria:

- a) It shall not visibly burn with a flame after the ignition source is removed;
- b) If the test specimens continue to burn with a flame after removal of the ignition source, it shall not have the flame front pass the 100mm mark;
- c) If the flame front passes the 100mm mark, it shall not have a linear burning rate exceeding 40mm/min.

A material classified HB75 shall not have a linear burning rate exceeding 75mm/min, if the flame front passes the 100mm mark.

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5. 测试结果

Test Result(s)

测试样品 Test Sample		测试结果 Test Results (mm/min)
A2260084006101001	1	火焰在 25mm 标线前熄灭 Flame self-extinguish before 25mm reference mark
	2	火焰在 25mm 标线前熄灭 Flame self-extinguish before 25mm reference mark
	3	火焰在 25mm 标线前熄灭 Flame self-extinguish before 25mm reference mark

结论：此样品符合 GB/T 2408-2021 HB 等级燃烧要求。

Conclusion: The samples comply with the requirements of GB/T 2408-2021 HB.

备注：此样品亦符合 GB/T 2408-2021 HB40 等级燃烧要求。

Remark: The samples also comply with the requirements of GB/T 2408-2021 HB40.

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测试项目 2: 燃烧性 (垂直燃烧)
Test Item2: Flammability (Vertical burning)

1. 测试设备 Test Equipment

设备名称 Equipment Name	型 号 Model
水平垂直燃烧试验仪 Horizontal - vertical Flammability Test Instrument	RH-6033B
电热恒温培养箱 Electric constant temperature incubator	600*500*750(230L)

2. 环境条件 Environmental Conditions

温度: 23±2℃; 湿度: 50 ±5%RH
Temperature: 23±2℃; Humidity: 50±5%RH

3. 测试标准 Test Standard: GB/T 2408-2021

4. 测试条件

Test Condition

预处理:

- ①在 23±2℃, 50 ±10%RH 环境条件放置 48h;
- ②70℃老化 168h, 然后在干燥器中放置至少 4h 冷却至室温。

测试步骤: 火焰高度 20 ±1 mm, 本生灯置于样品下方正中心位置, 本生灯管口距样品底端 10 ±1mm, 点火时间为 10 ±0.5 s, 点火 10 ±0.5 s 后以 300 mm/sec 的速度移开本生灯至少 150 mm, 同时开始记录余焰时间 t₁, 余焰停止时应立即点燃 10 ±0.5 s, 点火 10 ±0.5 s 后以 300 mm/sec 的速度移开本生灯至少 150 mm, 同时记录余焰时间 t₂和余燃时间 t₃。

样品尺寸: 125mm ×13.0mm ×3.07mm

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Preconditioning:

①Condition in environment of 23±2℃ and humidity of 50±10 %RH for 48h

②Condition in a 70 °C oven for 168h, then a calcium chloride desiccators for at least 4h to cool to room temperature.

Test Procedure: Flame height: 20±1 mm. Apply the flame centrally to the middle point of the specimen bottom edge so that the top of the burner is 10 ±1 mm below the lower end of the specimen, and maintain it at that distance for 10 ±0.5s. After the application for 10 ±0.5s, immediately withdraw the burner at a rate of 300 mm/sec, to a distance at least 150 mm away from the specimen and measure the after flame time t₁. As soon as after flaming of the specimen ceases, immediately place the burner again under the specimen for an additional 10 ±0.5s. After that, immediately remove the burner at a rate of 300 mm/sec to a distance of at least 150 mm from the specimen and measure the after flame time t₂ and the afterglow time t₃.

Sample size: 125mm×13.0mm×3.07mm

5. 测试结果

Test Result(s)

评判标准:

判定条件	V-0	V-1	V-2
每个独立的样品燃烧持续的时间t ₁ 或t ₂	≤10s	≤30s	≤30s
对任意处理组的五个样品的总的燃烧持续时间(t ₁ +t ₂)	≤50s	≤250s	≤250s
在第二次火焰施加后，每个独立的样品燃烧持续时间和灼热燃烧时间(t ₂ +t ₃)	≤30s	≤60s	≤60s
任一样品持续燃烧和灼热燃烧是否到夹持样品的夹子处	否	否	否
燃烧颗粒或滴落物是否引燃脱脂棉	否	否	是

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Test Criteria:

Criteria conditions	V-0	V-1	V-2
After flame time for each individual specimen t ₁ or t ₂	≤10s	≤30s	≤30s
Total after flame time for any condition set (t ₁ plus t ₂ for the 5 specimens)	≤50s	≤250s	≤250s
After flame plus afterglow time for each individual specimen after the second flame application(t ₂ +t ₃)	≤30s	≤60s	≤60s
After flame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

常温测试结果:

判定条件	1	2	3	4	5	V-0
每个独立的样品燃烧持续的时间t ₁ 或t ₂	0/0s	0/0s	0/0s	0/0s	0/0s	≤10s
对任意处理组的五个样品的总的燃烧持续时间(t ₁ +t ₂)	0s					≤50s
在第二次火焰施加后，每个独立的样品燃烧持续时间和灼热燃烧时间(t ₂ +t ₃)	0s	0s	0s	0s	0s	≤30s
任一样品持续燃烧和灼热燃烧是否到夹持样品的夹子处	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

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老化后测试结果:

判定条件	1	2	3	4	5	V-0
每个独立的样品燃烧持续的时间 t_1 或 t_2	0/0s	0/0s	0/0s	0/0s	0/0s	$\leq 10s$
对任意处理组的五个样品的总的燃烧持续时间(t_1+t_2)	0s					$\leq 50s$
在第二次火焰施加后, 每个独立的样品燃烧持续时间和灼热燃烧时间(t_2+t_3)	0s	0s	0s	0s	0s	$\leq 30s$
任一样品持续燃烧和灼热燃烧是否到夹持样品的夹子处	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

结论: 此样品测试结果符合 GB/T 2408-2021V-0 的要求。

备注: t_1 , t_2 为余焰时间, t_3 为余燃时间。

Room temperature test results:

Criteria conditions	1	2	3	4	5	V-0
After flame time for each individual specimen t_1 or t_2	0/0s	0/0s	0/0s	0/0s	0/0s	$\leq 10s$
Total after flame time for any condition set(t_1 plus t_2 for the 5 specimens)	0s					$\leq 50s$
After flame plus afterglow time for each individual specimen after the second flame application(t_2+t_3)	0s	0s	0s	0s	0s	$\leq 30s$
After flame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No

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After aging test results:

Criteria conditions	1	2	3	4	5	V-0
Afterflame time for each individual specimen t_1 or t_2	0/0s	0/0s	0/0s	0/0s	0/0s	$\leq 10s$
Total afterflame time for any condition set(t_1 plus t_2 for the 5 specimens)	0s					$\leq 50s$
Afterflame plus afterglow time for each individual specimen after the second flame application(t_2+t_3)	0s	0s	0s	0s	0s	$\leq 30s$
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No

Conclusion: This sample test results comply with the requirements of GB/T 2408-2021 V-0.

Remark: t_1 , t_2 are the afterflame time, t_3 is the afterglow time.

声明:

Statement:

1.检测报告无批准人签字、“专用章”及报告骑缝章无效;

This report is considered invalid without approved signature, special seal and the seal on the perforation;

2.样品及样品信息由申请者提供, 申请者应对其真实性负责, CTI 未核实其真实性;

The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;

3.本报告检测结果仅对受测样品负责;

The result(s) shown in this report refer(s) only to the sample(s) tested;

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*** 报告结束 ***

*** End of Report ***