

## TEST REPORT

No. : GZMR260100005502

Date : Jan 14, 2026

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CUSTOMER NAME: QINGDAO CSP INDUSTRY AND TRADE CO.,LTD  
ADDRESS: West of Chenjiabozi Village, Jiaobei Town, Jiaozhou City, Shandong Province

Sample Name : Rubber tile

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : QDP25-007277

Date of Receipt : Jan 04, 2026

Testing Start Date : Jan 04, 2026

Testing End Date : Jan 14, 2026

Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services Co., Ltd. Guangzhou Branch

*Carrie Lin*

Carrie Lin  
Authorized signatory



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Guangzhou Branch Material Testing Laboratory

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Fire Classification for Burning Behavior of Flooring Material	EN 13501-1:2018 & EN ISO 9239-1:2010 & EN ISO 11925-2:2020	B <sub>fl</sub> -s1	Pass

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.



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1. Test Item: Fire Classification for Burning Behavior of Flooring Material

Sample Description: A-Sheet

Test Method: EN 13501-1:2018 & EN ISO 9239-1:2010 & EN ISO 11925-2:2020

Test Result:

Sample A

I . EN ISO 9239-1:2010 Reaction to fire tests for floorings-Part 1: Determination of the burning behaviour using a radiant heat source

Specimen: 1050mm × 230mm × 2.89 mm

Flame application time: 10min

Mounting and fixing: Calcium silicate board, with its density about 1016kg/m<sup>3</sup>, thickness about 21.4mm, is as the substrate. The specimens were fixed mechanically to the substrate.

Specimen No.	Furthest extent of spread of flame, mm	Critical heat flux (CHF), kW/m <sup>2</sup>	Integrated smoke value, %·min
1	20	≥11	180.09
2	25	≥11	190.10
3	30	≥11	200.11
Average	25	≥11	190.1

Note:

1. Test specimens were cut from the sample.
2. Specimens that do not ignite or which spread flame less than 110 mm have a critical heat flux ≥ 11kW/m<sup>2</sup>.
3. Observations of the burning characteristics: Charring.
4. The protected film of test specimens was ripped off before test.
5. The glossy surface was faced to the flame.

II . EN ISO 11925-2:2020 Reaction to fire tests-Ignitability of products subjected to direct impingement of flame-Part 2: Single-flame source test.

Specimen: 250mm × 90mm × 2.89 mm



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Flame application time: 15s

Exposure conditions	Edge exposure			Surface exposure		
	Specimen No.	1	2	3	1	2
Whether ignition occurs	No	No	No	No	No	No
Whether the flame tip reaches 150 mm above the flame application point within 20s	No	No	No	No	No	No
Whether ignition of the filter paper occurs	No	No	No	No	No	No

Note:

1. Test specimens were cut from the sample.
2. Observations of the burning characteristics: Charring.
3. The protected film of test specimens was ripped off before test.
4. The glossy surface was faced to the flame.

Result:

According to the test result and classification criteria (See table 1), the submitted sample satisfies Class B<sub>fl</sub>

Reaction to fire classification: B<sub>fl</sub>—s1

Client's Requirement: At least B<sub>fl</sub>

Conclusion: Pass



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Statement: The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Table 1. Classes of reaction to fire performance for floorings

Class	Test method(s)	Classification criteria	Additional classification
A1 <sub>fi</sub>	EN ISO 1182 <sup>a</sup> and	$\Delta T \leq 30$ °C; and $\Delta m \leq 50$ %; and $t_f = 0$ (i.e. no sustained flaming)	-
	EN ISO 1716	$PCS \leq 2,0$ MJ/kg <sup>a</sup> and $PCS \leq 2,0$ MJ/kg <sup>b</sup> and $PCS \leq 1,4$ MJ/m <sup>2</sup> <sup>c</sup> and $PCS \leq 2,0$ MJ/kg <sup>d</sup>	-
A2 <sub>fi</sub>	EN ISO 1182 <sup>a</sup> or	$\Delta T \leq 50$ °C and $\Delta m \leq 50$ % and $t_f \leq 20$ s	-
	EN ISO 1716 and	$PCS \leq 3,0$ MJ/kg <sup>a</sup> and $PCS \leq 4,0$ MJ/m <sup>2</sup> <sup>b</sup> and $PCS \leq 4,0$ MJ/m <sup>2</sup> <sup>c</sup> and $PCS \leq 3,0$ MJ/kg <sup>d</sup>	-
	EN ISO 9239-1 <sup>e</sup>	Critical flux <sup>f</sup> $\geq 8,0$ kW/m <sup>2</sup>	Smoke production <sup>g</sup>
B <sub>fi</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux <sup>f</sup> $\geq 8,0$ kW/m <sup>2</sup>	Smoke production <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s \leq 150$ mm within 20 s	-
C <sub>fi</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux <sup>f</sup> $\geq 4,5$ kW/m <sup>2</sup>	Smoke production <sup>g</sup>



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	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s \leq 150$ mm within 20 s	
D <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux <sup>f</sup> $\geq 3.0$ kW/m <sup>2</sup>	Smoke production <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s \leq 150$ mm within 20 s	
E <sub>fl</sub>	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s \leq 150$ mm within 20 s	-
F <sub>fl</sub>	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s > 150$ mm within 20 s	-

<sup>a</sup> For homogeneous products and substantial components of non-homogeneous products.  
<sup>b</sup> For any external non-substantial component of non-homogeneous products.  
<sup>c</sup> For any internal non-substantial component of non-homogeneous products.  
<sup>d</sup> For the product as a whole.  
<sup>e</sup> Test duration = 30 min.  
<sup>f</sup> Critical flux is defined as the radiant flux at which the flame extinguishes or the radiant flux after a test period of 30 min, whichever is the lower (i.e. the flux corresponding with the furthest extent of spread of flame).  
<sup>g</sup> s1 = Smoke  $\leq 750$  % minutes;  
s2 = not s1.  
<sup>h</sup> Under conditions of surface flame attack and, if appropriate to the end use application of the product, edge flame attack



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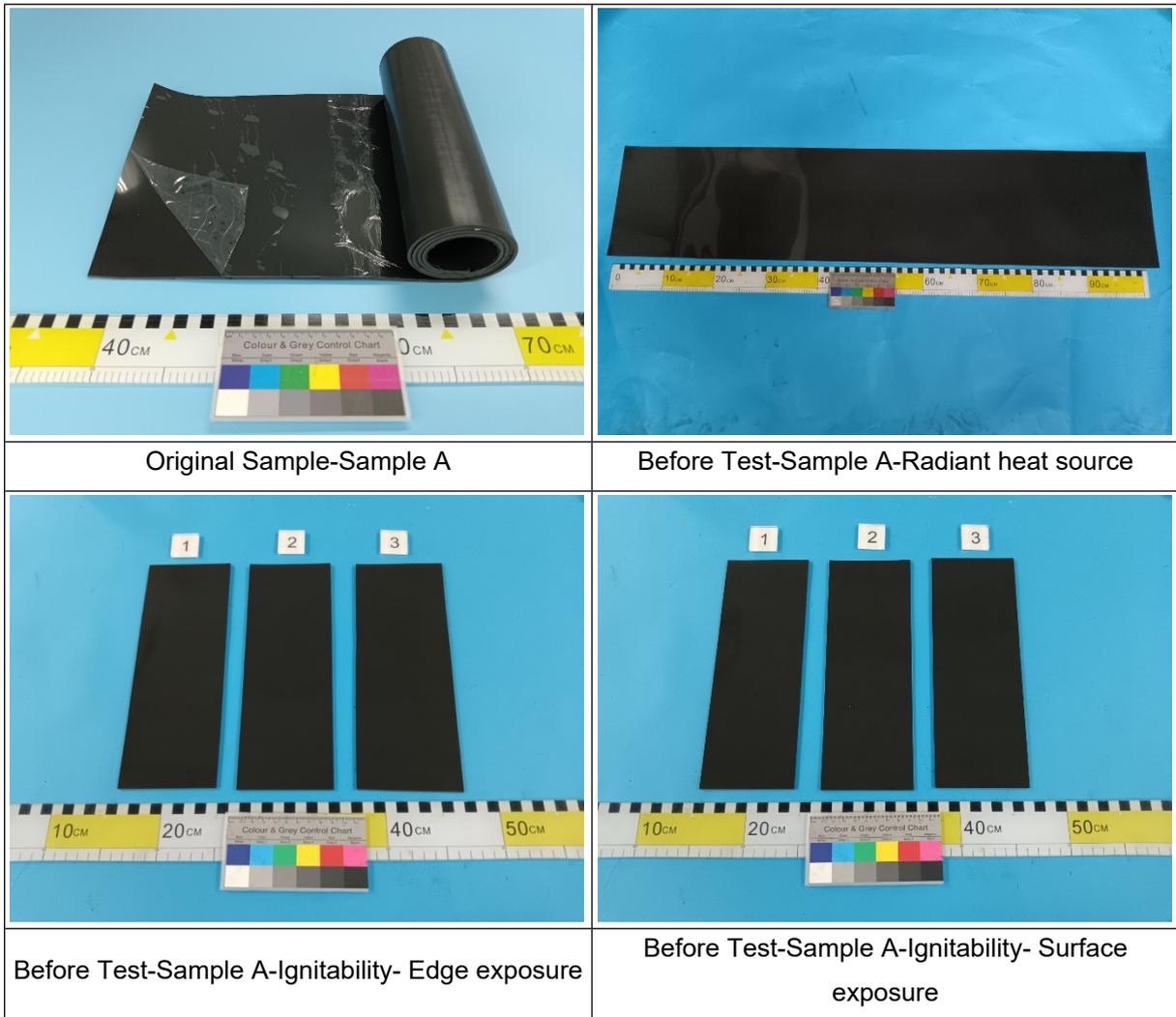
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Test Photo:



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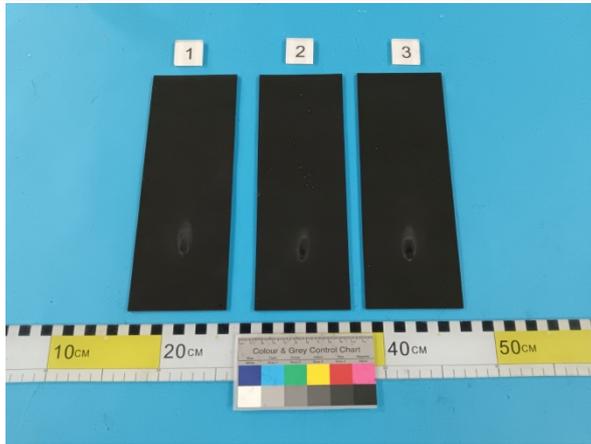
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After Test-Sample A-Radiant heat source



After Test-Sample A-Ignitability- Edge exposure



After Test-Sample A-Ignitability- Surface exposure

Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Flooring Radiant Panel Tester	FPR	GZMR-PL-E227	2025-03-28	2026-02-28
Ignitability tester	SIT	GZMR-PL-E226	2025-11-18	2026-11-17



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### Appendix information:

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\*The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc. and just for client internal reference.

\*This test report is an additional version of the original report No.: GZMR260100005501. The customer name and address have been modified, and the original report is valid.

\*\*\*\*\* End of report\*\*\*\*\*



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