

Foshan Hongzan Building Materials Co.,Ltd

Mayi Village, Shiling, Shishan Town, Nanhai, Foshan, China 528225

Sample Description : Aluminum honeycomb panel
Materials : Aluminum
Color : Silver
Thickness : 50mm
Manufacturer : Hongzan
End use application : Facades / cladding / partition / ceiling / door panel

The above sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. results apply to the sample as received.

Test Requested : AS 1530.1-1994 R2016 Methods for fire tests on building materials, components and structures Part 1: Combustibility test for materials

Test Conclusion : **Noncombustible materials**

Test Results : -- See attached sheet --

Test Period

Sample Receiving Date : Dec. 28, 2021

Test Performing Date : Dec. 28, 2021 TO Dec. 31, 2021

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Alex MAO

Lab Manager

scan to see the report



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I. Test Conducted

This test was conducted in accordance with AS 1530.1-1994 R2016 Methods for fire tests on building materials, components and structures Part 1: Combustibility test for materials

II. Sample Details

Dimensions	Diameter: 45 mm; Thickness: 50 mm
Condition	60±5°C, 24h

III. Test Results

No.	Temperature rise(°C)			*Total duration of sustained flaming (s)	Mass Loss (%)
	ΔT _f (°C)	ΔT _c (°C)	ΔT _s (°C)		
1	32.1	8.7	19.8	0	0.1
2	34.5	7.9	18.7	0	0.2
3	33.6	8.9	19.2	0	0.1
4	34.7	8.6	20.3	0	0.2
5	35.2	8.2	19.4	0	0.1
Average	34.0	8.5	19.5	0	0.1

Remark:

ΔT_f - Furnace thermocouple temperature rise

ΔT_c - Specimen centre thermocouple temperature rise

ΔT_s - Specimen surface thermocouple temperature rise

*Calculate and record the mean duration of sustained flaming which is obtained by summing all the individual durations of flaming for 5s or longer and dividing by five.

IV. Criteria of combustibility:

A material shall be deemed to be combustible under any of the following circumstances:

- (a) The mean duration of sustained flaming is other than zero.
- (b) The mean furnace thermocouple temperature rise, ΔT_f, exceeds 50 °C.
- (c) The mean specimen surface thermocouple temperature rise, ΔT_s, exceeds 50 °C.

V. Conclusion:

According to the test results, the submitted sample is classified as

Noncombustible materials

VI. Statement

The test results relate only to the behaviour of the test specimens under the conditions of this test and that these



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results shall not be used to infer the fire hazards of the materials in other forms or under other fire conditions. The specimen was supplied by the sponsor and SGS was not involved in any selection or sampling procedure. Within the territory of the people's Republic of China, this report is only used for domestic customers' scientific research, teaching, internal quality control and product R & D, and does not have the role of social certification.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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