



Test Report

Report No.: AJFS2407008346FF

Date: JUL.29, 2024

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NINGBO BOFAN SANITARY WARE CO., LTD.

NO.688 CHUANPU ROAD, JIAOCHUAN INDUSTRIAL PARK, ZHENHAI, NINGBO, CHINA

This test report is a translation of report No. AJFS2407008346FF_CN. If any dispute or misunderstanding happens, the Chinese version prevails.

Sample Description: WOODEN FAN BASE

SGS Ref No.: NBHL2407014765PL

Style/Item No.: /

Manufacturer: NINGBO BOFAN SANITARY WARE CO., LTD.

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 arising therefrom. Results apply to the sample as received.

Test Requested:

GB 8624-2012 Classification for burning behavior of building materials and products, Clause 5.2.3 electrical equipment's shell and accessories.

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date : JUL.17, 2024

Test Performing Date : JUL.17, 2024 TO JUL.26, 2024

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo Li
Approved Signatory

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I. Test conduct

GB 8624-2012 Classification for burning behavior of building materials and products, Clause 5.2.3 electrical equipment's shell and accessories.

GB/T 5169.16-2017 Fire hazard testing for electric and electronic products- Part 16: Test flames- 50W horizontal and vertical flame test methods.

II. Details of classified product

Sample description	Sample strip
Color	White
Specimen size	125mm×13.2mm×10.8mm

III. Test result

Test method	Parameter	Test results
GB/T 5169.16	Vertical burning test	V-0

IV. Classification

Classification according to Clause 5.2.3, GB 8624-2012:

Wire and cable's sleeving, electrical equipment's shell and accessories

Class	Products	Test method	Criteria
B ₁	Electrical equipment's shell and accessories	GB/T 5169.16	Vertical burning V-0
B ₂	Electrical equipment's shell and accessories	GB/T 5169.16	Vertical burning V-1
B ₃	No requirement		

Conclusion: The tested product **meets** the requirements of Class **B₁** for GB 8624-2012 Clause 5.2.3 electrical equipment's shell and accessories.

Statement:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

The test results relate to the behaviour 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.

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Annex GB/T 5169.16-2017

I. Conditioning

Prior to testing:

Five specimens were conditioned for at least 48 h at a temperature of 23 ± 2 °C and a relative humidity of $50\pm 5\%$,

Five specimens were conditioned in a circulating air oven for 168 h at 70 ± 2 °C and then cooled in the desiccator for at least 4 h at room temperature.

II. Test results

1) Conditioned at: T: 23 ± 2 °C, H: 50 ± 5 %, 48 h

No.	t_1 (s)	t_2 (s)	t_3 (s)	t_2+t_3 (s)	t_f (s)	Whether or not specimens burn up to the holding clamp	Whether or not specimens drip flaming particles that ignited the cotton indicator
1	0	0	0	0	0	No	No
2	0	0	0	0		No	No
3	0	0	0	0		No	No
4	0	0	0	0		No	No
5	0	0	0	0		No	No

2) Conditioned at: 70 ± 2 °C 168 h

No.	t_1 (s)	t_2 (s)	t_3 (s)	t_2+t_3 (s)	t_f (s)	Whether or not specimens burn up to the holding clamp	Whether or not specimens drip flaming particles that ignited the cotton indicator
1	0	0	0	0	0	No	No
2	0	0	0	0		No	No
3	0	0	0	0		No	No
4	0	0	0	0		No	No
5	0	0	0	0		No	No

Where, t_1 : Afterflame time after first flame application.

t_2 : Afterflame time after second flame application.

t_3 : Afterglow time after second flame application.

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Note: Materials classified V-0, V-1 or V-2 shall comply with the following requirements

Criteria conditions	V-0	V-1	V-2
Afterflame time for each individual specimen t_1 or t_2	$\leq 10s$	$\leq 30s$	$\leq 30s$
Total after flame time for any condition set (t_1 plus t_2 for the 5 specimens, t_t)	$\leq 50s$	$\leq 250s$	$\leq 250s$
Afterflame plus afterglow time for each individual specimen after the second flame application (t_2+t_3)	$\leq 30s$	$\leq 60s$	$\leq 60s$
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

Comments:

[☒] V-0

[☐] V-1

[☐] V-2

[☐] Fail

Photo Appendix:



Test sample

Finished product

SGS authenticate the photo on original report only

End of Report