



Test Report

No. AJFS2106005143FF

Date: JUL.07, 2021

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YUANFEN INTERNATIONAL TRADING (SHANGHAI) CO. LTD

JINGKEQIAO AVENUE, YINAN CENTER BUILDING OFFICE 315, KEQIAO, SHAOXING, ZHEJIANG,
CHINA

Sample Description: FABRIC

Color: WHITE

Style/Item No.: ARENA 280

Composition: 100%POLY

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:

To determine the flammability (building materials class B2) in accordance with DIN 4102-1 (May 1998) Fire behaviour of building materials and elements Part 1: Classification of building materials, Requirements and testing

Test Results: -- See attached sheet --

Conclusion: The tested sample **meets** the Normal flammability requirements of class **B2** of building materials under DIN 4102-1 (May 1998).

Test Period:

Sample Receiving Date : JUN.18, 2021

Test Performing Date : JUN.18, 2021 TO JUL.05, 2021

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

Allen Zou
Approved Signatory



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I. Test conducted

This test was conducted as per DIN 4102-1:1998 Clause 6.2. Classification in according to DIN 4102-1 (May 1998) Clause 6.2. Class B2 materials.

II. Sample details

Sample description	Fabric
Color	White
Area density	200 g/m ²
Size of sample	190mm×90mm

Conditioning

Prior to testing, the sample was conditioned at least 14 days to constant mass at a temperature of 23 ± 2 °C, and a relative humidity of 50 ± 5 %.

III. Test results

Normal Flammability Test according to DIN 4102-1 Clause 6.2.1

Edge ignition

Fire application time: 15s

Parameter	Lengthwise					Crosswise				
	1	2	3	4	5	6	7	8	9	10
Whether or not flaming extinguished before reach the gauge mark (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Whether or not flaming reach the measuring mark within 20 seconds (Yes/No)	No	No	No	No	No	No	No	No	No	No
Time for the flame tip to reach the gauge mark (s)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Afterflame time (s)	0	0	0	0	0	0	0	0	0	0
Max. flame height (cm)	5	3	5	6	4	6	5	4	6	7
Molten dripping (Yes/No)	No	No	No	No	No	No	No	No	No	No
Smoke developments (visual impression)	Slight					Slight				

Note: NA --- Not applicable

To be continued....

DIN 4102-1:1998 Criteria for B2/B3 classification

1) Materials may be classed as **B2** materials if they pass the ignitibility test specified in DIN 4102-1: 1998 subclause 6.2.

For each specimen, flaming doesn't reach the gage mark within 20s after flame application.

2) Combustible materials which cannot be classed as B1 or B2 materials shall be classed as **B3** materials

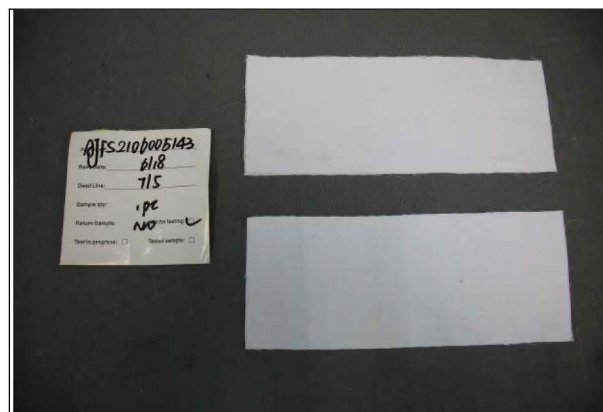
STATEMENTS:

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.

This test report does not replace any mandatory certification of the product that may be required.

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 and smoke hazard of the product in use.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report