

Test Report

No. SDFS2302000465FF

Date: Feb.22, 2023

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UFABRIK LIMITED

EUROPEAN OFFICE: BUILDING 329, SUITE G4, DONCASTLE ROAD BRACKNELL, BERKSHIRE, RG128PE, UK

Sample Description : **UFABRIK FLAG AIRMESH TEXTILE**

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SGS Ref No. : CP23-002754
Sample Receiving Date : Feb.03, 2023
Test Performing Date : Feb.03, 2023 to Feb.22, 2023

Test Result Summary

Test(s) Requested	Result(s)
DIN 4102-1:1998-05	The sample tested meets the requirements of class B1 of DIN 4102-1:1998-05 Clause 6.

Summary:

1. For further details, please refer to the following page(s).

Signed for and on behalf of
Shunde Branch
SGS-CSTC Co., Ltd.

Ada



Ada Liu
Approved signatory



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TESTS AND RESULTS
Test Conducted:

These tests are conducted in DIN 4102-1:1998-05 Clause 6 Class B building materials according to the application.

Conditioning:

Temperature: (23±2)°C; Relative Humidity: (50±6)%; Duration: 2 weeks;

Test Requirement:

All materials, except flooring, may be classed as B1 materials if they withstand the test specified in DIN 4102-16 using the Brandschacht apparatus specified in DIN 4102-15, and meet the requirements for class B2 materials.

The test using the Brandschacht apparatus described in DIN 4102-15 (cf. subclause 6.1.3.1) shall be deemed passed if

the mean value for the residual length (portion of specimen that has not burned or charred; cf. subclause 9.1 of DIN 4102-16) of each specimen is at least 15 cm and no individual values are lower than 0 cm,

the mean effluent temperature does not exceed 200 °C in any test,

the requirement for the residual length of each specimen is met even where there is afterflame, afterglow, or smouldering.

Test Results:
1.DIN 4102-1 B2 Test Result

Parameter	Results									
	Bottom edge ignition					Surface ignition				
	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Specimen ignition (Yes/No)	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*	Yes*
Ignition ceased time(s)	-	-	-	-	-	-	-	-	-	-
If flame tip reached 150mm line/40,190mm line(Yes/No)	No	No	No	No	No	No	No	No	No	No
Ignition time to reached 150mm line/40,190mm line(s)	-	-	-	-	-	-	-	-	-	-
Filter paper ignition (Yes/No)	No	No	No	No	No	No	No	No	No	No
Smoke developments	Slight smoke					Slight smoke				

Remark: *--The specimen was ignited but self-extinguished after removed the burner.

Class B2 Test requirement:

This test shall be deemed passed if, for any of the five specimens tested, flaming does not reach the gauge mark within 20 seconds after flame application, either with bottom edge ignition or surface ignition.

Sub-conclusion: Pass


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2.Additional DIN4102-16 Test Result
Group 1:

Parameter	Results				
	#1	#2	#3	#4	Average value
Remaining length (cm)	62	64	58	59	61
Max. flue gas temperature (°C)	80				
After flame / after glow (s)	0				
Other observation	Melting				

Remark: According to DIN 4102-16 Clause 5.2, if the residual length measured after the first test is 45cm or greater, further tests are not required.

Sub-conclusion: Pass

Conclusions:

The sample tested meets the requirements of class B1 of DIN 4102-1:1998-05 Clause 6.

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SAMPLE INFORMATION AND PICTURES

Area Density: 116g/m²
Thickness: 0.3mm



End of Report



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