TEST REPORT

Job No./Report NoTR1529820-RV1 Date:7 June 2019 Page 1 of 7

W&L JORDAN GMBH
Horst-Dieter-Jordan-Str. 7-10 34134 Kassel
TEL:
FAX:
To the attention of Petra Baumhoefener

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	Woven fabric in grey(Claimed to be WWFR)

Client's reference No.	:	TR 1529820-RV1
Buyer	:	Not Provided
Order No.	:	Not Provided
Model/Style No.	:	Not Provided
Article No.	:	MAGIC 519 506
Age Grade	:	Not Provided
Manufacturer	:	W&L JORDAN GMBH
Country of Origin	:	Not Provided
Country of Destination	:	EUROPW
Shipment Date	:	Not Provided
Fiber Composition	:	Claimed to be 100%POLYESTER
Fabric Weight	:	Not Provided
End Use	:	Not Provided
Agency	:	Not Provided
Sample Receiving Date	:	9 May 2019
Test Performing Period	:	9 May 2019 ~ 7 June 2019
Submitted Care Label Instructions	:	
Overall Conclusion	:	**See Results**
Test Results	:	Please refer to the next page(s).
Performed Test Summary:		Selected test(s) as requested by client against Client's performance standard.

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Test Parameters	Result
Physical tests	**A**
Reaction to Fire tests	*

Remarks	:	M = Meets client's requirement
		F = Exceed client's requirement
		I = Inconclusive
		* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
	Residual sample can be returned to client if requested.	

The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.
Reported results do not include uncertainties.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

IN THIS REVISED-1 REPORT, MANUFACTURER,CONTACT PERSON AND WASHING DEGREE WERE CHANGED.
THIS REPORT SUPERSEDES OUR REPORT NO: 1529820 DATED 07.06. 2019

Naz Acar Customer Services Supervisor	Neslihan Erol Customer Services Manager





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I. Test conducted

This test was conducted as per DIN 4102-15:1990 DIN 4102-16:1998 and DIN 4102-1:1998 Clause 6.2, and Classification in according to DIN 4102-1 (May 1998) Clause 6.1-Class B1 materials.

II. Sample details

General description	Woven fabric
Color	Grey
Density	186 g/m^2
Size of sample	190mm×1000mm & 190mm×90mm

Conditioning

Prior to testing, the sample was conditioned at least 14 days to constant mass at a temperature of 23 ± 2 ℃, and a relative humidity of 50 ± 6 %.

III. Test results

1) "Brandschacht" Test according to DIN 4102-15 &16

Exposed surface: The front face

Results of "Brandschacht" Test (part 1)				
Line No.		Unit	Test assemblies No.	
			Lengthwise	Widthwise
1	Specimen fixings according to DIN 4102 part 15, table	/	/	/
2	Max. flame height above lower sample edge;	cm	60	60
3	Time [1)]	min:s	0:15	0:14
	Melting/burning through		/	/
4	Time [1)]	min:s	0:03	0:02
	Back of specimen		/	/
5	Flaming/glowing, Time [1)]	min:s	0:02	0:02
6	Discolouring, Time [1)]	min:s	0:01	0:01
	Burning droplets		No	No
7	Begin 1)	min:s	/	/

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	Amount	/	/
8	Specimen material falling off in separate droplets	/	/
9	Specimen material falling off continuously	/	/

To be continued…

Results of "Brandschacht" Test (part 2)				
Line No.		Unit	Test assemblies No.	
			Lengthwise	Widthwise
	Burning parts		No	No
10	Begin 1)	min:s	/	/
11	Parts of sample falling off separately		/	/
12	Parts of sample falling off continuously		/	/
13	Duration of continued combustion on mesh base (max.)	min:s	No	No
	Burner flame impairment by dripping/falling material		No	No
14	Time [1)]	min:s	/	/
	Premature ending of test		/	/
15	End of burning at specimen [1)]	min:s	/	/
16	Time when test terminated (if applicable) [1)]	min:s	/	/
	Burning after end of test		No	No
17	Duration	min:s	/	/
18	Number of specimens		/	/
19	Front of specimen		/	/
20	Back of specimen		/	/
21	Height of flame	cm	/	/
	Glowing after end of test		No	No
22	Duration	min:s	/	/
23	Number of specimens		/	/
24	Front of specimen		/	/
25	Back of specimen		/	/

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26	Top half of specimen	/	/
27	Bottom half of specimen	/	/

To be continued…

Results of "Brandschacht" Test (part 3)						
Line No.		Unit	Test assemblies No.			
			Lengthwise		Widthwise	
	Residual length		/		/	
28	Single results	cm	72	71	70	71
			71	70	72	70
29	Average of the single results	cm	71		71	
	Smoke temperature		/		/	
30	Max. of average	℃	151.2		150.2	
31	Time [1)]	min:s	06:15		06:11	

Note: [1)] time from start of testing

*Reduction in number of test (*DIN 4102 Part 16, clause 5.2*)

Class B1 materials:

If the residual length measured after the first test is 45cm or greater, further tests are not required.

2) Normal Flammability Test according to DIN 4102-1 Clause 6.2

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

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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)	8	9	8	9	7	8	8	7	9	8
Molten dripping(Yes/No)	No	No	No	No	No	No	No	No	No	No
Smoke developments (visual impression)	Medium					Medium				

Note:

NA---Not applicable

To be continued…

IV. DIN 4102-1:1998 Criteria for classification

1) All materials, except flooring, may be classed as **B1** materials if they meet the following requirements a) and b):

a) 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 ℃ in any test,

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

b) Pass DIN 4102-1: 1998 sub-clause 6.2.3 Ignitability Test if

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

2) Materials may be classed as **B2** materials if they pass the ignitibility test specified in DIN 4102-1: 1998 subclause 6.2.5.

For each specimen, flaming doesn't reach the gage mark (150mm marks) within 20s after flame application.

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

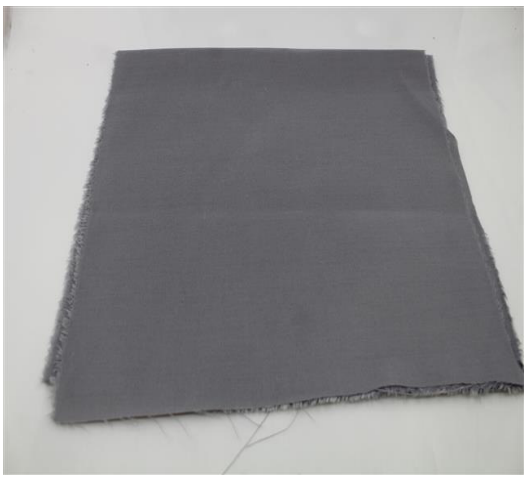
STATEMENTS:

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.

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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.

*** The test has been performed as subcontract by SGS Hong Kong laboratories.**



* * * End of Test Report * * *

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