

## TEST REPORT

Job No./Report No TR1452369-RV1

Date:18 March 2019

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### ADO GOLDKANTE GMBH & CO. KG

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**To the attention of Melike Altuna**

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

Sample No.	Sample Description
A	Woven fabric 2-DC057 in orange-yellow-ecru (Claimed to be 2-DC057 etiketli tarafı yüzü )

Client's reference No. : TR 1452369-RV1  
 Buyer : Not Provided  
 Order No. : Not Provided  
 Model/Style No. : 8196  
 Article No. : Not Provided  
 Age Grade : Not Provided  
 Manufacturer : ADO GOLDKANTE GMBH & CO. KG  
 Country of Origin : TURKEY  
 Country of Destination : EUROPE  
 Shipment Date : Not Provided  
 Fiber Composition : Claimed to be 100%POLYESTER  
 Fabric Weight : Claimed to be 57 g/m<sup>2</sup>  
 End Use : Not Provided  
 Agency : Not Provided  
 Sample Receiving Date : 31 December 2018  
 Test Performing Period : 31 December 2018 ~ 31 January 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
<b>Physical tests</b>	<b>A</b>
Reaction to fire tests-Ignitability of building	*

Remarks	:	M = Meets client's requirement
		F = Below 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.

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

**IN THIS REVISED-1 REPORT, MODEL/STYLE NUMBER & MANUFACTURER INFORMATION WERE CHANGED  
BY THE REQUEST OF THE APPLICANT.  
THIS REPORT SUPERSEDES OUR REPORT NO: 1452369 DATED 31.01.2019**

Tuğba Mert  
Customer Services Supervisor

Neslihan Erol  
Customer Services Manager

Doğan Kaya PP.



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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	One sample of fabric
Color	White and Yellow
Density	About 52 g/m <sup>2</sup>
Size of sample	1000mm×190mm & 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 ± 6 %.

**III. Test results**
**1) “Brandschacht” Test according to DIN 4102-15 &16**

Exposed surface: Labeled side

Results of “Brandschacht” Test (part 1)				
Line No.	Unit	Test assemblies No.		
		Lengthwise	Widthwise	
1	Specimen fixings according to DIN 4102 part 15, table	/	1	1
2	Max. flame height above lower sample edge;	cm	40	40
3	Time <sup>1)</sup>	min:s	00:06	00:05
4	<u>Melting/burning through</u> Time <sup>1)</sup>	min:s	00:02	00:02
5	<u>Back of specimen</u> Flaming/glowing, Time <sup>1)</sup>	min:s	00:03	00:03
6	Discolouring, Time <sup>1)</sup>	min:s	00:02	00:02
7	<u>Burning droplets</u> Begin 1)	min:s	No /	No /

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

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

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

Results of "Brandschacht" Test (part 3)						
Line No.	Unit	Test assemblies No.				
		Lengthwise		Widthwise		
	<u>Residual length</u>	/		/		
28	Single results	cm	68	70	66	65
			66	64	60	63
29	Average of the single results	cm	67.0		63.5	
	<u>Smoke temperature</u>		/		/	
30	Max. of average	°C	154.8		152.7	
31	Time <sup>1)</sup>	min:s	06:11		07:03	

Note: <sup>1)</sup> 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
Whether or not flaming reach the measuring mark within 20 seconds (Yes/No)	No	No	No	No	No	No	No	No	No	No

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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)	3	4	3	3	4	3	3	3	4	3
Molten dripping(Yes/No)	No	No	No	No	No	No	No	No	No	No
Smoke developments (visual impression)	Slight					Slight				

Note:

NA---Not applicable

#### 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 °C 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 gauge mark within 20s after flame application.

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

For each specimen, flaming doesn't reach the gauge 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 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.

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\* \* \* End of Test Report \* \* \*

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