

# TEST REPORT

Job No./Report No TR1757862-RV1

Date:12 August 2020

Page 1 of 7

**ADO GOLDKANTE GMBH & CO.KG**

ZIMMERSMUHLENWEG 14-18 61440 OBERURSEL GERMANY

TEL: -

FAX: -

**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          | Mesh panel in beige (Claimed to be ARTUS 3012) |

Client's reference No. : TR 1757862-RV1  
 Buyer : Not Provided  
 Order No. : Not Provided  
 Model/Style No. : ARTUS 3012  
 Article No. : ARTUS 3012  
 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 (YARN FR)  
 Fabric Weight : Claimed to be 46,4 g/m2  
 End Use : Not Provided  
 Agency : Not Provided  
 Sample Receiving Date : 10 July 2020  
 Test Performing Period : 10 July 2020~11 August 2020  
**Submitted Care Label Instructions :** Not Provided

**Overall Conclusion :** PASS

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 REPORT

Job No./Report No TR1757862-RV1

Date:12 August 2020

Page 2 of 7

| Test Parameters                                 | Result   |
|---|----------|
| <b>Physical tests</b>                           | <b>A</b> |
| *Flammability "Brandschacht" (DIN 4102-15 & 16) | M        |

|         |   |
|---------|---|
| Remarks | M = Meets client's requirement  |
|         | F = Does not meet 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.

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

**IN THIS REVISED-1 REPORT, COMPANY NAME, ADDRESS INFORMATION AND MANUFACTURER WERE CHANGED BY THE REQUEST OF THE APPLICANT.**

**THIS REPORT SUPERSEDES OUR REPORT NO: 1757862 DATED 11.08.2020**

|   |   |
|---|---|
| Doğan Kaya<br>Customer Services Supervisor  | Bilal Kılaz<br>Customer Services Manager  |
|  |  |

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# TEST REPORT

Job No./Report No TR1757862-RV1

Date:12 August 2020

Page 3 of 7

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

Exposed surface: Any surface

| 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                  | 20        | 20   |
| 3                                       | Time <sup>1)</sup>                                    | min:s               | 0:08      | 0:05 |
| 4                                       | <u>Melting/burning through</u>                        | Yes                 | Yes       |      |
|   | Time <sup>1)</sup>                                    | min:s               | 0:02      | 0:02 |
| 5                                       | <u>Back of specimen</u>                               | Yes                 | Yes       |      |
|   | Flaming/glowing, Time <sup>1)</sup>                   | min:s               | 0:02      | 0:02 |
| 6                                       | Discolouring, Time <sup>1)</sup>                      | min:s               | 0:01      | 0:01 |
| 7                                       | <u>Burning droplets</u>                               | No                  | No        |      |
|   | Begin 1)  | min:s               | /         | /    |
| 8                                       | <u>Amount</u>   | /                   | /         | /    |
|   | Specimen material falling off in separate droplets    | /                   | /         | /    |
| 9                                       | Specimen material falling off continuously            | /                   | /         | /    |

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# TEST REPORT

Job No./Report No TR1757862-RV1

Date:12 August 2020

Page 4 of 7

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

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# TEST REPORT

Job No./Report No TR1757862-RV1

Date:12 August 2020

Page 5 of 7

| Results of "Brandschacht" Test (part 3) |                               |                     |    |           |    |
|---|-------------------------------|---------------------|----|-----------|----|
| Line No.                                | Unit                          | Test assemblies No. |    |           |    |
|   |                               | Lengthwise          |    | Widthwise |    |
|   | <u>Residual length</u>        | /                   |    | /         |    |
| 28                                      | Single results                | 65                  | 63 | 63        | 65 |
| 29                                      | Average of the single results | 64                  | 66 | 65        | 62 |
|   |                               | 64.5                |    | 63.8      |    |
|   | <u>Smoke temperature</u>      | /                   |    | /         |    |
| 30                                      | Max. of average               | 98.2                |    | 99.7      |    |
| 31                                      | Time <sup>1)</sup>            | 9:51                |    | 9:45      |    |

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  |
| 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)   | 2          | 1   | 1   | 2   | 1   | 2         | 2   | 1   | 2   | 1   |
| Molten dripping (Yes/No)   | No         | No  | No  | No  | No  | No        | No  | No  | No  | No  |
| Smoke developments (visual impression)                                     | Slight     |     |     |     |     | Slight    |     |     |     |     |

Note: NA---Not applicable

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## TEST REPORT

Job No./Report No TR1757862-RV1

Date:12 August 2020

Page 6 of 7

### 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 gage 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 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.

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 lab.

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## TEST REPORT

Job No./Report No TR1757862-RV1

Date:12 August 2020

Page 7 of 7



\* \* \*

End of Test Report

\* \* \*

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