TEST/MUAYENE RAPORU

EUROLAB LABORATUVAR HİZMETLERİ

TÜRCERT TEKNİK KONTROL VE BELGELENDİRME A.Ş.

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2019121201

Overall Rating: **B1**

Report No: 2019121201
Applicant : **ADO – Goldkante GmbH Co. KG**
Applicant Address: Zimmersmühlenweg 14-18 61440 Oberursel
Sample Accepted on: 07.12.2019 : 10:00
Report Date: 12.12.2019
Total number of pages: 6 (Pg/Syf)

Sample ID : Article : 3609
Article Name: SPEED
Brand: ADO

	TEST	METHOD	RESULT
*	**Fire behaviour of building materials and elements Part 1: Classification of building materials Requirements and testing** Yapı malzemelerinin ve elemanların yangın davranışları Bölüm 1: Yapı malzemelerinin sınıflandırılması Gereksinimler ve testler	**DIN 4102-1**	**PASS** **B1**

Seal

Customer Representative
Başak BASUT

Laboratory Manager
Sultan CULUM

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RESULTS / SONUÇLAR

1. **Sample Name**: Article : 3609
   Article Name: SPEED
   Brand: ADO
2. **Preparation of Sample:** The samples were kept in climate chamber 23/50 until they reached constant weight
3. **Arrangement of samples:** Mounting: freely suspended
4. **Result:** The test has been examined according to DIN 4102

Line No.	Measurement	Result with the tested specimen				Dim.
	Test number	Sample 1	Sample 2	--	--	
	Flamed Direction Flamed Side	Front	Back			
1	Number of specimen arrangement acc. to. DIN 4102/T15, Schedule 1	1	1			
2 3	Max. flame height above bottom edge of the specimen Time [1]	12 0:03	12 0:03			cm min:s
4	Burn through / melting Time [1]	0:05	0:05			min:s
5 6	Observations on back side of the specrmen Flames / Glowing Time[1] Change of color Time [1]	-- 0:05 -- 0:02	-- 0:05 -- 0:02			min:s min:s
7 8 9	Falling of burning droplets Start[1] Extent sporatic falling of burning droplets [2] continuous falling of burning droplets[2]	-- -- -- --	-- -- -- --			min:s min:s
10 11 12	Falling of burning droplets Start[1] Extent sporatic falling of burning droplets [2] continuous falling of burning droplets[2]	-- -- --	-- -- --			min:s
13 14	Afterflame time at the bottom of the sieve (max.) Impairment of the burner by dropping or falling material: Time [1]	-- --	-- --			min:s min:s
15 16	Premature end of test Final occurance of burning at the specimen[1] Time of eventuall end of test [1]	-- 0:05	-- 0:05			min:s min:s

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Line No.	Measurement	Result with the tested specimen				Dim.
	Test Number	Sample 1	Sample 2	--	--	
17	Afterflame after end of test					
18	Time [1]	0:05	0:05			min:s
19	Number of specimen	--	--			
20	Front side of specimen[2]	12	12			
21	Back side of specimen[2]	12	12			
	flame length	--	--			cm
22	Afterglow after end of test	--	--			
23	Time [1]	--	--			min:s
24	Number of specimen	--	--			
25	Lower half of the specimen[2]	--	--			
26	Upper half of the specimen[2]	--	--			
27	Front side of specimen[2]	--	--			
	Back side of specimen[2]	--	--			
28	Density of smoke					
29	<400%*min	180	220			%*min
30	>400%*min[4]	--	--			%*min
	Diagram: encl. no	--	--			
31	Resudial Lengths:					
	Specimen 1	12	15			cm
	Specimen 2	13	18			cm
	Specimen 3	--	--			cm
	Specimen 4	--	--			cm
32	Average value. individual test [3]	37,5	36,5			
33	Photo of specimen in enclosure no.	--	--			
34	Flue gas temperature	120	115			°C
35	Maximum of average value					
36	Time[1]	09:15	09:25			min:s
	Diagram: encl. no	1	2			
37	Remarks: -none-					

[1] indication of times: from the begin of testing procedure
[2] checked off if applicable
[3] indication of carrier/foam layer separated in case of fire-proofing agents
[4] very strong development of smoke

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6. **Explanations concerning the testing procedure:** There were no additional tests proceeded because of the residual length of > than 45 cm.

7. **Summary of results and additional establishments to Fire Behaviour**

Line No:	Measurement	Result with the tested specimen				Dim.
	Test No.	Sample 1	Sample 2	--	--	
	Flamed Direction Flamed Side	Front	Back			
1	Residual Length	12,5	35			cm
2	Max. Smoke Temperature	120	115			° C
3	Density of Smoke - integral	180	220			%min
4	Remaks: none					

According to DIN 4102, part 1, "schwerentflammbare" (hardly flammable) building materials must meet the requirements of class 82. Pursuant to additional tests in the ignitability apparatus this can be determined (appendix 4).

8. **Special remarks**

- This report is only valid for the material as described under paragraph 1. In combination with other materials or with additional coatings or grounds etc. the burning behaviour may differ.
- This test report is not valid for the exposure to outdoor climate conditions, washing or cleaning with chemicals.
- This test report is not valid, as soon as the fabric is used as a building product in the sense of the "Landesbauordnungen" (state building requirements, MBO § 17, par. 3).
- This test report is no substatute for a General Building Inspectorate Certificate.
- This test report is granted without prqudice to the rights of third parties, im particular private proprietary rights.
- For legal interests only the German original version is relevant.
- In General Building Inspectorates procedures this test report can be based for
  - regular building materials for the required proof of accordance
  - for not regular building materials for the required proof of applicability

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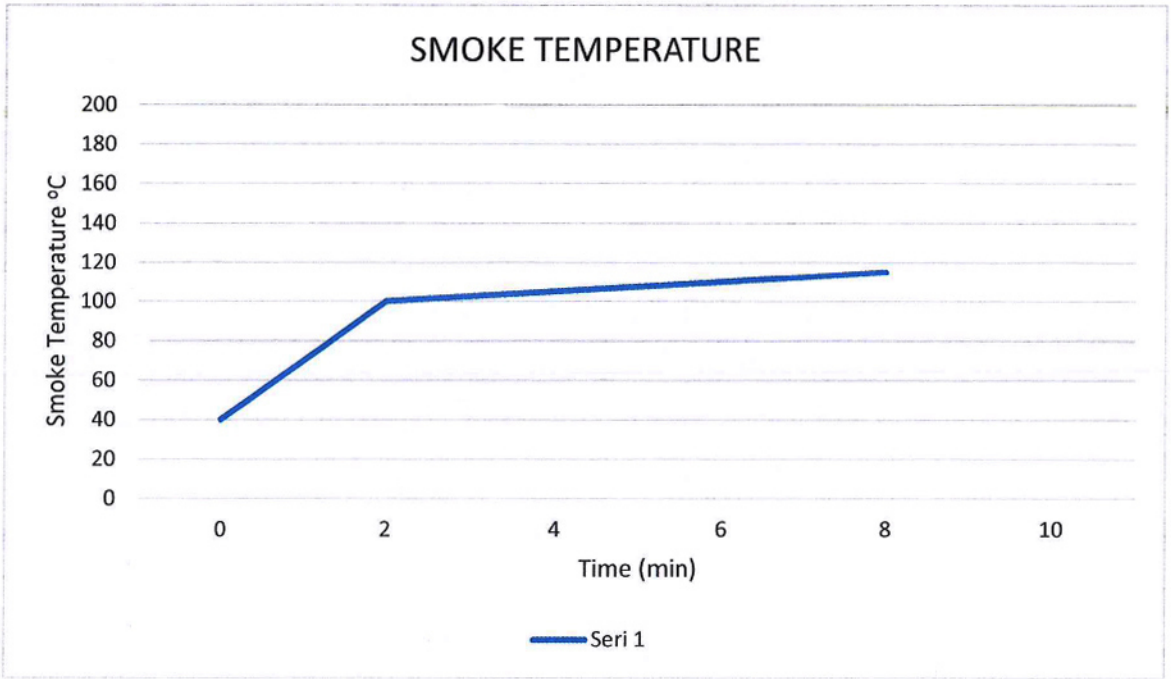

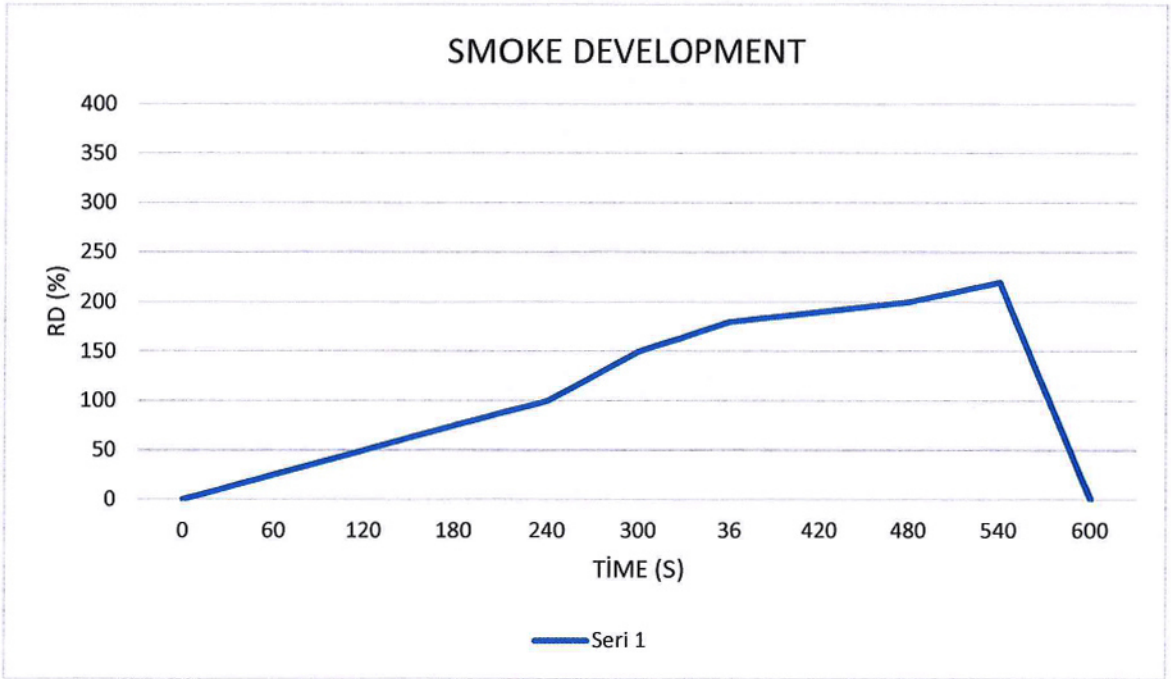

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Environment

The requirements and standards apply to equipment intended for use in

X	Residential (domestic) environment
X	Commercial and light-industrial environment
X	Industrial environment
X	Medical environment

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