EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş.
Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
İstanbul/ TÜRKİYE

Test
TS EN ISO/IEC 17025
AB-0583-T

TEST REPORT
DENEY RAPORU

AB-0583-T
19034205
09-19

EKOTEKS

Customer name:	W&L JORDAN GMBH
Address:	HORST DIETER JORDAN STRASSE 7-10 34134 KASSEL
Buyer name:	-
Contact Person:	CELİL DİNÇER
Order No:	-
Article No:	CROSS-744 206 MANTUA
Name and identity of test item:	One sample of back face black knitted dark brown artificial leather fabric (Claimed to be; 500 gr/m^2)
The date of receipt of test item:	13.09.2019
Re-submitted/re-confirmation date:	-
Date of test:	13.09.2019-17.09.2019
Remarks:	-
Sampling:	The results given in this report belong to the received sample by vendor.
End-Use:	Home Textile / Textile
Care Label:	Not specified.
Number of pages of the report:	6

The Turkish Accreditation Agency (TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of test reports.
EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş. accredited by TÜRKAK under registration number [AB-0583-T] for ISO 17025:2017 as test laboratory.
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Seal	***Date***	***Customer Representative***	***Head of Testing Laboratory***
	17.09.2019	Hatice ACARALP	Sevim A. RAZAK 17.09.2019

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REQUIRED TESTS	**RESULT**	**COMMENTS**
PHYSICAL PROPERTIES TESTS		
Flammability / **EN 1021-1:2014- Smouldering Cigarette Test** [(1)]	P	
Flammability / **EN 1021-2:2014- Match Flame Test** [(2)]	P	
P: Pass F: Fail R: Refer to retailer technologist. [(1)] Test results were evaluated according to EN 1021-1:2014 limit values [(2)] Test results were evaluated according to EN 1021-2:2014 limit values		

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95 %. Tests marked (*) in this report are not included in the accreditation schedule.



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TEST RESULTS

FLAMMABILITY; EN 1021-1:2014-Smouldering Cigarette Test
The sample has not been treated with a fire-retardant chemical. Therefore original sample was tested
Conditioning

Prior to testing: All samples and cigarettes were conditioned before the test for at least 24 hours in an atmosphere having a temperature of 23±2 ºC and a relative humidity of 50±5 %
Test Condition : The sample was tested in an atmosphere with a temperature of 15ºC to 30ºC and relative humidity of 15% to 80 %.

Filling Specification
Filling Type **:** Non fire retardant polyurethane foam
Size **:** 450 x 300 x 75 mm (back) & 450 x 150 x 75 mm (seat)
Density / Hardness **:** 22 kg/m^3
Type B, 130 N
Specimen size **:** 800 x 650 mm (length x width)

İgnition Source **:** Calibrated cigarette complying to standard

"The following test results relate only to the ignitability of the combination of materials under the particular conditions of test ; they are not intended as a means of assessing the full potential fire hazard of the materials in use."

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Criteria Of Failure		
Progressive smouldering failure	**Test 1**	**Test 2**
Any test assembly that display escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary	**NO**	**NO**
Any test assembly that smoulders until it is largely consumed within the test duration	**NO**	**NO**
Any test assembly that smoulders to the extremities of the specimen , viz. upper or lower margins, either side or to its full thickness, within the duration of the test	**NO**	**NO**
Any test assembly that smoulders after one hour from the beginning of the test	**NO**	**NO**
Any test assembly that, on final examination, shows evidence of active smouldering	**NO**	**NO**
Flaming failure		
Any flaming of the interior and/or cover is observed at any time within a period of 1 hour of the placement of the cigarette	**NO**	**NO**
RESULT	**PASS**	

O : Observed
NO : Not Observed
NA : Not Applicable

Test Details

	Test 1	Test 2
Smoking ceased time (after placement of the cigarette) (min:sec)	04:58	03:24
Flame ceased time (min:sec)	-	-
Progressive smouldering time (min:sec)	-	-
Melting	O	O
Dripping	NO	NO
Charring	NO	NO

O : Observed
NO : Not Observed

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"The fabric tested meets the requirements EN 1021-1:2014



TEST RESULTS

FLAMMABILITY; EN 1021-2:2014-Match Flame Test

The sample has not been treated with a fire-retardant chemical. Therefore original sample was tested

Conditioning

Prior to testing: All samples and cigarettes were conditioned before the test for at least 24 hours in an atmosphere having a temperature of 23±2 ºC and a relative humidity of 50±5 %

Test Condition : The sample was tested in an atmosphere with a temperature of 15ºC to 30ºC and relative humidity of 15% to 80 %.

Filling Specification

Filling Type **:** Non fire retardant polyurethane foam
Size **:** 450 x 300 x 75 mm (back) & 450 x 150 x 75 mm (seat)
Density / Hardness **:** 22 kg/m^3
Type B, 130 N
Specimen size **:** 800 x 650 mm (length x width)
İgnition Source **:** Butane gas Flowing at 45 ml/min @ 25 ° C

Flame Height **:** 35 mm

Flame Application Time : 15±1 seconds

"The following test results relate only to the ignitability of the combination of materials under the particular conditions of test ; they are not intended as a means of assessing the full potential fire hazard of the materials in use."

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Criteria Of Failure		
Progressive smouldering failure	**Test 1**	**Test 2**
Any test assembly that display escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary	NO	NO
Any test assembly that smoulders until it is largely consumed within the test duration	NO	NO
Any test assembly that smoulders to the extremities of the specimen , viz. upper or lower margins, either side or to its full thickness, within the duration of the test	NO	NO
Any test assembly that smoulders after one hour from the beginning of the test	NO	NO
Any test assembly that, on final examination, shows evidence of active smouldering	NO	NO
Flaming failure		
Any test assembly that display escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary	NO	NO
Any test assembly that burns until it essentially consumed within the test duration	NO	NO
Any test assembly on which any flame front reaches the lower margin, either side or passes through its full thickness within the duration of the test	NO	NO
Any flaming which continues for more than 120 s after removal of the burner tube	NO	NO
RESULT	**PASS**	

O : Observed
NO : Not Observed
NA : Not Applicable

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Test Details

	Test 1	Test 2
Duration of flaming (after removal of the burner) (min:sec)	-	-
Duration of progressive smouldering time (min:sec)	-	-

O : Observed
NO : Not Observed

"The fabric tested meets the requirements EN 1021-2:2014 "



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