EKOTEKS
LABORATUVAR VE GÖZETİM HİZMETLERİ AŞ.

TEST REPORT
DENEY RAPORU

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

AB-0583-T
22005852
03-22

Gen.f136-2/03

Customer name:	ODDIES TEXTILES
Address:	UNIT 3, BANK HOUSE, GREENFIELD ROAD, COLNE BB8 9NL
	-
Article No:	C8457 NILE (FR)
Name and identity of test item:	One sample of black panel
The date of receipt of test item:	01.03.2022
Date of test:	01.03.2022-07.03.2022
Remarks:	-
Sampling:	The results given in this report belong to the received sample by vendor.
End-Use:	
Care Label:	-
Number of pages of the report:	12

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*
	07.03.2022	Zahide TAPAN	Sevim A. RAZAK 07.03.2022

REQUIRED TESTS	EVALUATION	COMMENTS
PHYSICAL PROPERTIES TESTS		
Flammability/ BS 5852: Part 1- Smouldering Cigarette Test(1)	P	
Flammability/ BS 5852: Part 1-Match Flame Test(2)	P	
Flammability/ BS EN 1021-1- Smouldering Cigarette Test(3)	P	
Flammability/ BS EN 1021-2:2014 -Match Flame Test(4)	P	
P:Pass F:Fail R: Refer to retailer technologist. (1)Test results were evaluated according to BS 5852: Part 1- Smouldering Cigarette Test limit values (2)Test results were evaluated according to BS 5852: Part 1-Match Flame Test limit values (3)Test results were evaluated according to BS EN 1021-1- Smouldering Cigarette Test limit values (4)Test results were evaluated according to BS EN 1021-2:2014 -Match Flame Test limit values		

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified.If requested, measurement uncertainty will be reported. But unless otherwise specified, measurement uncertainty is not considered while stating compliance with specification or limit values The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95 %. The declaration of conformity was given in accordance with the Simple Acceptance Decision Rule. Tests marked (*) in this report are not included in the accreditation schedule

AB-0583-T
22005852
03-22

TEST RESULTS

FLAMMABILITY; BS 5852: Part 1: 1979 – Smouldering Cigarette Test

Conditioning

Prior to testing: The sample was conditioned before the test for at least 16 hours in an atmosphere having a temperature of 20±5 °C and a relative humidity of 50±20 %
Test Condition : The sample was tested in an atmosphere with a temperature of 15°C to 30°C and relative humidity of 20% to 70 %.

Cover Fabric Specification (Standart test fabric as detailed in Schedule 1 Part 1 Of The Furniture and Furnishings (Fire)(Safety) Regulations 1988)

Fabric weight : 220±5 g/m²
Fabric Construction : Plain Weave woven fabric
Fabric Type : 100% Polyester Flame retardant fabric

İgnition Source : Source 0 – Test 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."

AB-0583-T
22005852
03-22

TEST RESULTS

Criteria Of Failure		
Progressive smouldering failure	**Test 1**	**Test 2**
Progressive smouldering 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
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
On final examination whether progressive smouldering should be observed when dismantle assembly and examine internally	NO	NO
RESULT	**PASS**	

O : Observed
NO : Not observed

Test Details

	Test 1	Test 2
Smoking ceased time (after placement of the cigarette) (min:sec)	05:21	04.02
Flame ceased time (min:sec)	-	-
Progressive smouldering time (min:sec)	-	-
Melting	NO	NO
Dripping	NO	NO
Charring	O	O

"The sample tested meets the requirements of Schedule 4 Part 1 (The cigarette test) of The Furniture and Furnishings (Fire) (Safety) Regulations 1988"

Total Uncertainty : ±%3,8

AB-0583-T
22005852
03-22

TEST RESULTS

FLAMMABILITY; BS 5852: Part 1: 1979 – Match Flame Test

Conditioning

Prior to testing: The sample was conditioned before the test for at least 16 hours in an atmosphere having a temperature of 20±5 °C and a relative humidity of 50±20 %
Test Condition : The sample was tested in an atmosphere with a temperature of 15°C to 30°C and relative humidity of 20% to 70 %.

Cover Fabric Specification (Standart test fabric as detailed in Schedule 1 Part 1 Of The Furniture and Furnishings (Fire)(Safety) Regulations 1988)

Fabric weight : 220±5 g/m²
Fabric Construction : Plain Weave woven fabric
Fabric Type : 100% Polyester Flame retardant fabric

İgnition Source : Source 1 – Butane gas Flowing at 45 ml/min @ 25 ° C

Flame Height : 35 mm

Flame Application Time : 20±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."

AB-0583-T
22005852
03-22

TEST RESULTS

Criteria Of Failure		
Progressive smouldering failure	**Test 1**	**Test 2**
Any progressive smouldering of the interior and/or cover after 120 seconds of the removal of the burner tube	NO	NO
Flaming Failure		
Any flaming of the interior and/or cover after 120 seconds of the removal of the burner tube	NO	NO
On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	NO	NO
RESULT	**PASS**	

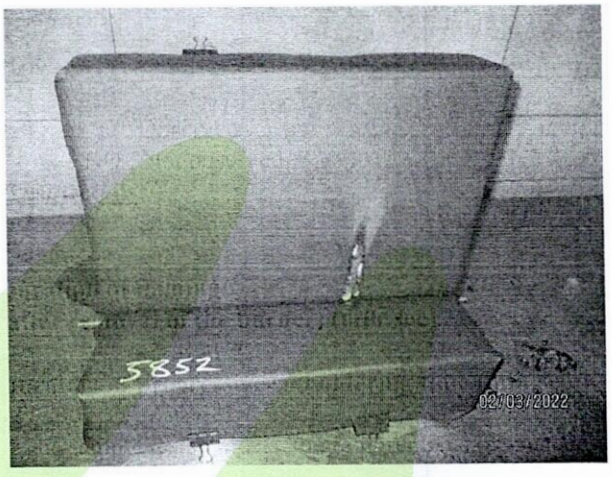
O : Observed
NO : Not observed

Test Details

	Test 1	Test 2
Duration of flaming (after removal of the burner) (min:sec)	6 sn	4 sn
Duration of progressive smouldering time (min:sec)	-	-

"The sample tested meets the requirements of Schedule 5 Part 1 (The match test) of The Furniture and Furnishings (Fire) (Safety) Regulations 1988"

Total Uncertainty : ±%3,0



AB-0583-T
22005852
03-22

TEST RESULTS

FLAMMABILITY; BS 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 °C and a relative humidity of 50±5 %
Test Condition : The sample was tested in an atmosphere with a temperature of 15°C to 30°C 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 : Test 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."

AB-0583-T
22005852
03-22

TEST RESULTS

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

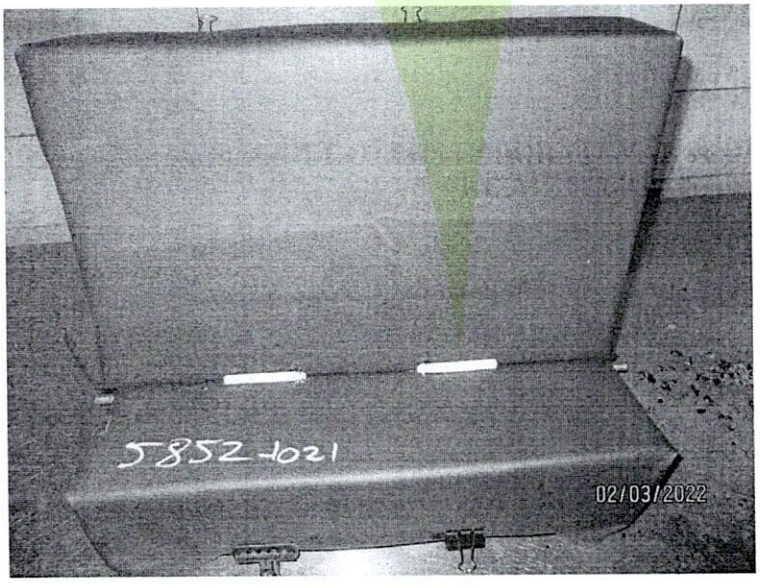
	Test 1	Test 2
Smoking ceased time (after placement of the cigarette) (min:sec)	04:55	04:38
Flame ceased time (min:sec)	-	-
Progressive smouldering time (min:sec)	-	-
Melting	NO	NO
Dripping	NO	NO
Charring	O	O

O : Observed
NO : Not Observed

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

Total Uncertainty : ±%0,9

AB-0583-T
22005852
03-22



AB-0583-T
22005852
03-22

TEST RESULTS

FLAMMABILITY; BS 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 °C and a relative humidity of 50±5 %
Test Condition : The sample was tested in an atmosphere with a temperature of 15°C to 30°C 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."

AB-0583-T
22005852
03-22

TEST RESULTS

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

Test Details

	Test 1	Test 2
Duration of flaming (after removal of the burner) (min:sec)	7 sn	-
Duration of progressive smouldering time (min:sec)	-	-

O : Observed
NO : Not Observed
"The fabric tested meets the requirements BS EN 1021-2:2014

Total Uncertainty : ±%8,3

Gen.f136-2/03

AB-0583-T
22005852
03-22

ODDIES TEXTILES

TECHNICAL CHARACTERISTICS / TEKNİK ÖZELLİKLER

COMPOSITION/ İÇERİK	**BACKING** / ZEMİN
100% VINYL / %100 VİNİL	**%100 POLYESTER**

TEST TYPES / TEST TİPİ	**ASPECT** / KRİTER	NORM	**UNIT** / BİRİM	STANDART TEST
WEIGHT / AĞIRLIK		430 ± 30	g / m²	ISO 2286-2
MARTINDALE - ABRASION / AŞINMA DAYANIMI		> 22.000	RUB	ISO 5470-2
TEAR STRENGHT / YIRTILMA DİRENCİ	**ACROSS** / EN	> 20	N	ISO 4674-1
	ALONG / BOY	> 30	N	ISO 4674-1
TENSILE STRENGHT / KOPMA DİRENCİ	**ACROSS** / EN	> 200	N	ISO 1421
	ALONG / BOY	> 250	N	ISO 1421
ELONGATION AT BRAEAK / KOPMA ANINDAKİ UZAMA	**ACROSS** / EN	75 ± 20%	%	ISO 1421
	ALONG / BOY	50± 20%	%	ISO 1421
COLOR FASTNESS TO RUBBING / SÜRTÜNME RENK HASLIĞI	**DRY** / KURU	≥ 3,5	GS	ISO 105-X12
	WET / ISLAK	≥ 3	GS	ISO 105-X12
LIGHT FASTNESS / IŞIK HASLIĞI	**LIGHT COLORS** / AÇIK RENKLER	≥ 3	BW	ISO 105-B02
	DARK COLORS / KOYU RENKLER	≥ 4	BW	ISO 105-B02
FLAME RETARDANCY / GÜÇ TUTUŞURLUK	BS 7176 Low Hazard BS 5852 Part 1 Ignition Source 0,1 (Cigarette & Match) EN 1021 Part 1 and 2 FMVSS 302 (FR Standard of Motor Vehicles)			

FLOKSER

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TEST REPORT

Report Ref.	LEI22051836A Original		
Date Received	19/05/2022	**Date Issued**	25/05/2022

Company Name & Address	FSN UK Ltd 170 Cross Street Sale, M33 7AQ GBR
Contact Name	Sophie Robinson

Ref / Style Number	Nile FR
Supplier	AB Home
End Use	Upholstery - General Domestic
No Of Samples	1
Retailer	General

Test	Method	Sample	Result
Martindale Abrasion Resistance - 12 kPa	BS EN 14465: 2003 Annex A		See Results

Tests marked (^) in this report have been performed by an approved 3rd party laboratory.
Tests marked (*) in this report are not included in our UKAS scope of accreditation.

Jessica Richardson
(Jobsheet Technician)

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Martindale Abrasion Resistance - 12 kPa BS EN 14465: 2003 Annex A
Conditioning Parameters: 20°C±2°C & 65% rH±4% rH

	Results	**Requirements**		
Shade Change @ 3000 revs	4			
	Abrasion resistance*	Performance level		
Specimen 1	>35,000 Revs	A = 35,000		
Specimen 2	>35,000 Revs	B = 12,000 - 30,000		
Specimen 3	>35,000 Revs	C = 4,000 - 10,000		
Overall result**	>35,000 Revs			
Overall performance level	A			
Test information				
Test load: 12 kPa				
Fabric Type	Other			
Breakdown criteria	None found			
Inspection interval	Every 5000			
Foam used	Yes			
*The abrasion resistance result is the last inspection point at which no breakdown was observed,				
**The overall result is the lowest individual test result of all the test specimens tested.				
BS 2543: 2004 Classification (Minimum levels for customer reference)				
	Flat woven	Figured weave	Woven/Flocked/Non-Woven Pile Fabrics	Knitted
Light Domestic	15,000	12,000	15,000	15,000
General Domestic	20,000	15,000	20,000	20,000
Heavy Domestic	25,000	20,000	25,000	25,000
General Contract	30,000	30,000	25,000	25,000
Severe Contract	40,000	40,000	30,000	30,000

Overall Test Result: See Results
Uncertainty: ±17.1%

Report Type	Issue Date	Revision Reason	Revision Description
Original	25-May-22	Complete Original Issue	N/A

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of k = 2, providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.