



**EKOTEKS**

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

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

**TEST REPORT**  
DENEY RAPORU

AB-0583-T

17030616-  
ing-Add

09-21

**Customer name:** SALDER SUNİ DERİ TEKSTİL SAN. A.Ş.  
**Address:** Hayrabolu Organize Sanayi Bölgesi Çelik Sok. No:6 HAYRABOLU/  
TEKİRDAĞ  
**Buyer name:** -  
**Contact Person:** OKMEN MENEKŞE  
**Order No:** -  
**Article No:** KUZU  
**Name and identity of test item:** One sample of back face cream knitted fabric coated, ecru artificial leather  
panel  
**The date of receipt of test item:** 01.08.2021  
**Re-submitted/re-confirmation  
date:** 16.08.2021  
**Date of test:** 16.08.2021-27.09.2021  
**Remarks:** -  
**Sampling:** The results given in this report belong to the received sample by vendor.  
**End-Use:** -  
**Care Label:** Not specified.  
**Number of pages of the report:** 5

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co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the  
Mutual recognition of test reports.*

*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  
27.09.2021

Customer Representative  
Özlem ULUS

Head of Testing Laboratory  
Sevim A. RAZAK

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Testing reports without signature and seal are not valid.

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## TEST RESULTS

### TENSILE STRENGTH; TS EN ISO 1421:2017 METHOD 1

Instron 5969 (Load: 50 kN), Strip Method.

Speed: 100 mm/dk±10 mm/min, Gauge length: 200 mm±1 mm

Pre-load was not applied.

The average results are given for weft and warp direction of 3 samples.

Performed in the conditioned room (20±2°C-65%±4).

	<u>RESULT</u>	<u>REQUIREMENT</u>
Weft	387.2 N	-
Warp	459.1 N	-

### TEAR STRENGTH; TS EN ISO 4674-1:2006

Method A (Double Tear)/Pre-treatment was not applied.

Instron 5969. Speed:100±10 mm/min, Gauge length:100±1 mm

The average results are given for weft and warp direction of 2 samples.

Performed in the conditioned room. (20±2°C - 65% ±4)

	<u>RESULT</u>	<u>REQUIREMENT</u>
Weft	72.5 N	-
Warp	48.7 N	-

### SEAM STRENGTH; TS EN ISO 13935-2: 12014(\*)

INSTRON 5969 Speed: 50 mm/min, Gauge Length: 100 mm±1 mm

Seam density: 100 mm@50±2 seam.

Performed in the conditioned room (20±2°C-65%±4).

	<u>RESULT</u>	<u>FAILURE</u>	<u>REQUIREMENT</u>
Weft	210.6 N	FTS	-
Warp	350.4N	FTJ	-

FTS: Fabric tear at seam

FTJ: Çenede kumaş yırtılması.

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## TEST RESULTS

### LEATHER- DETERMINATION OF FLEX RESISTANCE; TS EN ISO 5402-1:2012(\*)

Number of test pieces: 4 pieces  
Pre-test conditioning: 23±2 °C, 50±5 % BN and Time: 48 Hours  
Test condition: 23±2 °C

	<u>RESULTS</u>	<u>REQUIREMENT</u>
Wet	Damage was not observed on test pieces after 50.000 cycles	-

### LEATHER- DETERMINATION OF FLEX RESISTANCE; TS EN ISO 5402-1:2012(\*)

Number of test pieces: 6 pieces  
Pre-test conditioning: 23±2 °C, 50±5 % BN and Time: 48 Hours  
Test condition: 23±2 °C 50±5 % BN

	<u>RESULTS</u>	<u>REQUIREMENT</u>
Dry	Damage was not observed on test pieces after 250.000 cycles	-

### ABRASION RESISTANCE- MARTINDALE(RUBBER –OR PLASTICS –COATED FABRICS) TS EN ISO 5470-2:2004 (\*)

Number of test pieces: Dry: 4 piece  
Pre-test conditioning: 23±2 °C, 50±5 % BN and Time: 48 Hours  
Test conditions: 23±2 °C, 50±5 % BN

Parameter	Test Results	Requirement	Evaluation
Number of cycles damage and degree	Moderate damage was observed on samples after 100.000 cycles	-	-

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## TEST RESULTS

### FLAMMABILITY; IMO Resolution A.652(16): 1989 – Smouldering Cigarette Test

Original samples were tested

#### Conditioning

**Prior to testing:** The sample was conditioned before the test for at least 16 hours in an atmosphere having a temperature of  $20 \pm 5$  °C and a relative humidity of  $50 \pm 20$  %

**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 %.

#### 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** : 20-22 kg/m<sup>3</sup> / Type B, 130 N

**Specimen size** : 800 x 650 mm (length x width)

**Ignition Source** : Calibrated Senior Service Virginia cigarette

“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.”

Criteria Of Failure		
	Test 1	Test 2
<b>Progressive smouldering failure</b>		
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
<b>Flaming Failure</b>		
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
<b>RESULT</b>	<b>PASS</b>	

O : Observed  
NO : Not observed

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**Test Details**

	<b>Test 1</b>	<b>Test 2</b>
Smoking ceased time (after placement of the cigarette) (min:sec)	02:21	02:28
Flame ceased time (min:sec)	-	-
Progressive smouldering time (min:sec)	-	-
Melting	NO	NO
Dripping	NO	NO
Charring	O	O

“The fabric tested meets the requirements of IMO Resolution A.652(16): 1989 (The smouldering cigarette test) ”