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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

EKOTEKS

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: TOSCANO
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: 6

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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

RESULTS

REQUIREMENT

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

RESULTS

REQUIREMENT

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 ± 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 %.

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/m³ / 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
Progressive smouldering failure		
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

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Test Details

	Test 1	Test 2
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) "

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TEST RESULTS

DETERMINATION OF ANTIFUNGAL ACTIVITY: AATCC 30:2013 (Test III- Agar Plate)

Zone of inhibition (mm) ⁽¹⁾	Growth of microorganisms ⁽²⁾	Result
Was not observed	Was not observed	Effective

⁽¹⁾ Inhibition area around the width of clear zone surrounding test specimen (mm)

⁽²⁾ Growth microorganisms on the fabric / not observed

Microorganism	<i>Aspergillus niger</i> (ATCC 6275)
Incubation conditions	28±1°C
Incubation periods	7 days
Diameter of test specimens	3.8 cm
Culture medium	Sabouraud 4 % Glucose Agar