



**EKOTEKS**

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



**TEST REPORT**  
*DENEY RAPORU*

AB-0583-T

22022158-  
Add

10-22

**Customer name:** REİSOĞLU İPLİK VE MENSUCAT SANAYİ VE TİCARET AŞ.

**Address:** OSB. MAVİ CAD. 7.SOKAK NO:2 NİLÜFER/BURSA

**Buyer name:** -

**Contact Person:** MERVE COŞKUN

**Order No:** -

**Article No:** NS-3279

**Name and identity of test item:** One sample of grey panel (Claimed to be; 494 gr/m<sup>2</sup> Color: Grey /%70 PVC %30 PES)

**The date of receipt of test item:** 11.08.2022

**Re-submitted/re-confirmation date:** -

**Date of test:** 11.08.2022-16.08.2022

**Remarks:** -

**Sampling:** The results given in this report belong to the received sample by vendor.

**End-Use:** Outdoor

**Care Label:** -

**Number of pages of the report:** 4

*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**  
26.10.2022

**Customer Representative**  
Servin YURTSEVEN

**Head of Testing Laboratory**  
Sevim A. RAZAK  
26.10.2022

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REQUIRED TESTS	EVALUATION	COMMENTS
<b>COLOR FASTNESS TESTS</b>		
Color Fastness to Rubbing	-	
Color Fastness to Pool Water	-	
Color Fastness To Artificial Weathering <sup>(1)</sup>	-	
<b>PHYSICAL TESTS</b>		
Seam Slippage Resistance-Fixed Load Method	-	
Tear Strength	-	
No requirements were given by the customer. <sup>(1)</sup> This report was reissued to add this test result		

**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. (without considering the level of confidence and measurement uncertainty, evaluation of suitability or non-conformity based on whether the test result obtained is only within the specified limits) Tests marked (\*) in this report are not included in the accreditation schedule.



Gen.f136-2/04

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## TEST RESULTS

### COLOR FASTNESS TO RUBBING; TS EN ISO 105 X12:2016

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

Finger type: Cylindrical

Downward force : 9±0.2 N

Water absorption rate of rubbing cloth : 95 % - 100 %

Evaluated with ISO 105 A03 standart grey scale for staining assessment.

	<u>RESULT</u>	<u>REQUIREMENT</u>
<b>Dry</b>	4-5	-
<b>Wet</b>	4-5	-

Total uncertainty:±0.5 grade

#### COLOUR FASTNESS RATING

##### COLOUR STAINING

<b>5</b>	<b>Negligible or no staining</b>
<b>4</b>	<b>Slightly stained</b>
<b>3</b>	<b>Noticeably stained</b>
<b>2</b>	<b>Considerably stained</b>
<b>1</b>	<b>Much stained</b>

### COLOR FASTNESS TO POOL WATER; TS EN ISO 105 E03:2012

27±2°C,Gyrowash @1 saat , Amount of active chlorine is 50 mg/l pH 7.50± 0.05

Evaluated with ISO 105 A02 standard color change gray scale..

	<u>RESULT</u>	<u>REQUIREMENT</u>
<b>Colour Change</b>	4-5	-

Total uncertainty:±0.5 grade

#### COLOUR FASTNESS RATING

##### COLOUR CHANGE

<b>5</b>	<b>Negligible or no change</b>
<b>4</b>	<b>Slightly changed</b>
<b>3</b>	<b>Noticeably changed</b>
<b>2</b>	<b>Considerably changed</b>
<b>1</b>	<b>Much changed</b>

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## TEST RESULTS

### SEAM SLIPPAGE RESISTANCE-FIXED LOAD METHOD; TS EN ISO 13936-2:2006

INSTRON 4411

Jaw Speed: 50±5 mm/min, Gauge Length: 100 mm±1 mm.

Seam Type : 301. 100 % Polyester core-spun sewing-thread was used.

120 N load was applied.

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

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

	<u>Seam Opening (mm)</u>	<u>Requirement</u>
<b>Weft</b>	1.7	-
<b>Warp</b>	1.7	-

Total uncertainty:± ± % 1,6

### TEAR STRENGTH; TS EN ISO 4674-1:2016

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

TITAN II. Speed:100±10 mm/min, Gauge length:100±1 mm

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

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

	<u>RESULT</u>	<u>REQUIREMENT</u>
<b>Weft</b>	454.7 N	-
<b>Warp</b>	6.2 N	-

Total uncertainty:± % 5,9

### COLOUR FASTNESS TO ARTIFICIAL WEATHERING: TS 4460 EN ISO 105-B04:2000

Atlas ALPHA Light Fastness Tester. T

The blue wool 8 was faded up to grey scale 7.

Evaluated with standard blue wool scale.

<u>RESULT</u>	<u>REQUIREMENT</u>
8	-

Total uncertainty:±0.5 grade