



Test
TS EN ISO/IEC 17025
AB-0342-T

AB-0342-T

144436900b

06/26

TÜV Rheinland
Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.
Saniye Ermutlu Sokak Çolakoğlu Plaza B Blok No :12 Kozyatağı-İSTANBUL

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Test Report

GABRIEL A/S

Hjulgagervej, Aalborg DK-9000, Denmark

Report No.	144436900b
Buyer	/
Test Item. :	Move col.60999
Lot No. :	/
Manufacturer :	/
Fiber Content. :	/
Colour Name. :	/
Article No. :	/
End Use. :	/
Test Scope. :	Customer selected parameters.
Remark :	Revised of test report 144436900 dated 02.06.2026,Tearing Strength test unit & CF to Light test grade have been re-arranged.CF to Rubbing test self staining result has been added.The preceding report is no longer valid.
Remark-a :	Revised of test report 144436900a dated 04.06.2026,CF to Light test result has been removed,upon client's request. The preceding report is no longer valid.
Applicant's Provided Care Instruction/Label:	-
Sample Receiving date:	2026-04-28
Testing Period:	2026-04-28 to 2026-06-02
Report Date:	2026-06-09
Test Result:	No Comment

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TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş. accredited by TÜRKAK under registration number AB-0342-T for ISO/IEC 17025-2017 as test laboratory

The Turkish Accreditation Agency (TÜRKAK) 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 the 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

For and on behalf of
TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.



Elif Kocasalli / CR Assistant
Project Manager



Abdullah Akil / Physical
Laboratory Manager

TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.

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Tel. +902166653200, Fax +902166653299, e-mail: info@tr.tuv.com

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

This test report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.

This test report is signed by digital signature.

TÜV Rheinland testing laboratories apply the Zero Guard band rule for statement of conformity evaluation, unless other decision rule is required by the customer.

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Test Result Summary :**Test Specification:**

- 1 Tensile Strength - Strip Test
- 2 Tearing Strength - Elmendorf Method
- 3 Colour Fastness To Drycleaning
- 4 Colour Fastness To Perspiration
- 5 Dimensional Change After Commercial Drycleaning
- 6 Colour Fastness To Rubbing
- 7 Colour Fastness To Water
- 8 Stretch And Recovery#
- 9 Colour Fastness To Washing
- 10 Dimensional Change To Washing

Test result:

NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT
NO COMMENT

1. Photo



2. List of Materials

Material List:

Material No.	Material	Color	Location
M001	Textile	Black	Woven base (col.60999)

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1.Tensile Strength - Strip Test

Test method : Tensile Strength - Strip Test (BS/DIN/EN/ISO 13934-1:2013)

	<u>M001</u>	<u>Requirement</u>
<u>Breaking force</u>		-
Warp	2181.0 N	-
Weft	1363.0 N	-

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2.Tearing Strength - Elmendorf Method

Test method : Tearing Strength - Elmendorf Method (BS/DIN/EN/ISO 13937-1:2000)

	<u>M001</u>	<u>Requirement</u>
Warp	>62.7 N	-
Weft	>62.7 N	-

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3.Colour Fastness To Drycleaning

Test method : Colour Fastness To Drycleaning (BS/DIN/EN/ISO 105-D01:2010)

Both staining and colour change

	<u>M001</u>	<u>Requirement</u>
Colour change	4-5	-
Colour staining		
- Acetate	4-5	-
- Cotton	4-5	-
- Polyamide	4-5	-
- Polyester	4-5	-
- Acrylic	4-5	-
- Wool	4-5	-

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4.Colour Fastness To Perspiration

Test method : Colour Fastness To Perspiration (BS/DIN/EN/ISO 105-E04:2013)

Both staining and colour change

	<u>M001</u>		<u>Requirement</u>
	<u>Acid</u>	<u>Alkaline</u>	
Colour change	4-5	4-5	-
Colour staining			
- Acetate	4-5	4-5	-
- Cotton	4-5	4-5	-
- Polyamide	4-5	4-5	-
- Polyester	4-5	4-5	-
- Acrylic	4-5	4-5	-
- Wool	4-5	4-5	-

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5. Dimensional Change After Commercial Drycleaning

Test method : In-house Method

Test condition : Commercial drycleaning with perchloroethylene

M001RequirementAfter one dryclean

Warp / Length -0.3%

-

Weft / Width -0.3%

-

Remark : (+) = Extension
(-) = Shrinkage

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6.Colour Fastness To Rubbing

Test method : Colour Fastness To Rubbing, Dry, Wet (BS/DIN/EN/ISO 105-X12:2016)

	<u>M001</u>	<u>Requirement</u>
<u>Dry</u>	4-5	-
<u>Wet</u>	4-5	-
Self staining	4-5	-

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7.Colour Fastness To Water

Test method : Colour Fastness To Water (BS/DIN/EN/ISO 105-E01:2013)

Both staining and colour change

	<u>M001</u>	<u>Requirement</u>
Colour change	4-5	-
Colour staining		-
- Acetate	4-5	-
- Cotton	4-5	-
- Polyamide	4-5	-
- Polyester	4-5	-
- Acrylic	4-5	-
- Wool	4-5	-

8.Stretch And Recovery#

Test method : BS EN ISO 20932-1

Test condition : Woven 27.5 N

	<u>M001</u>	<u>Requirement</u>	<u>Comment</u>
<u>Extension at 27.5 N at 5 cycles</u>			No Comment
Lengthwise (%)	11.1%	-	
Widthwise (%)	6.84%	-	
<u>Un-recovered elongation after 1min relaxation</u>			
Lengthwise (%)	1.0%	-	
Widthwise (%)	1.0%	-	
<u>Un-recovered elongation after 30min relaxation</u>			
Lengthwise (%)	0.5%	-	
Widthwise (%)	0.5%	-	
<u>Recovered elongation after 1min relaxation</u>			
Lengthwise (%)	99.5%	-	
Widthwise (%)	99.5%	-	
<u>Recovered elongation after 30min relaxation</u>			
Lengthwise (%)	99.5%	-	
Widthwise (%)	99.5%	-	

Remark : # This test is not covered by TURKAK accreditation.

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9.Colour Fastness To Washing

Test method : Colour Fastness To Washing (BS/DIN/EN/ISO 105-C06:2010)

Both staining and colour change

	<u>M001</u>	<u>Requirement</u>
Colour change	4-5	-
Colour staining		-
- Acetate	4	-
- Cotton	4-5	-
- Polyamide	4	-
- Polyester	4	-
- Acrylic	4-5	-
- Wool	4-5	-

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10. Dimensional Change To Washing

Test method : Dimensional Change To Washing (BS/DIN/EN/ISO 6330:2012)

Test condition : Washing programme , 6M at 60°C, Flat Dry

M001RequirementAfter one wash

Warp / Length -1.4%

Weft / Width -0.3%

-

-

-

Remark : (+) = Extension
(-) = Shrinkage

- END -