



Test
TS EN ISO/IEC 17025
AB-0716-T

AB-0716-T
TURT230070132
07-23

TEST REPORT

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REPORT NUMBER : TURT230070132
APPLICANT NAME : Biçer Proje İnş.San. ve Tic.Ltd.Şti.
ADDRESS : Halaskargazi Cad.No:72 K:8Şişli İstanbul / TURKEY
TEL:0212 291 31 08

Attention : Banu Biçer (info@feltbi.com)

SAMPLE DESCRIPTION : One sample of grey main multicolor design woven fabric
DATE IN : 5 July ,2023 (12:47:00)
DATE OUT : 6 July ,2023 /14 July ,2023
FABRIC WEIGHT : Claimed to be 370 g/m²
BUYER NAME : Not Given
MODEL/STYLE NO : FZ-370
FIBER COMPOSITION : Not Given
NOTE : Colour Fastness to Artificial Light - Xenon Arc Fading Lamp Test, Pilling Resistance - Modified Martindale, Abrasion Resistance Martindale - Breakdown tests were added.

Test methods were given by the applicant.

-Pass/Fail statement for Abrasion Resistance Martindale - Breakdown was made based on applicants submitted requirement.

PROVIDED CARE LABEL : Not Given

TEST	SAMPLE
	1
Abrasion Resistance Martindale - Breakdown	P
Pilling Resistance - Modified Martindale	NR
Colour Fastness to Artificial Light - Xenon Arc Fading Lamp Test	NR
Colour Fastness to Rubbing	NR

Mete AYDIN
Customer Care Executive

İsmail AVCIOĞLU
Textile Laboratory Manager

Intertek Test Hizmetleri A.S.
Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL
Phone : +90 212 496 46 46 Fax: +90 212 452 80 55
e-mail : intertekg.turkiye@intertek.com
<http://www.intertek-turkey.com>



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P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS = FURTHER STEPS / P* = COMMERCIALY ACCEPTED BY CLIENT

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Intertek Test Hizmetleri A.S.

Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL

Phone : +90 212 496 46 46 Fax: +90 212 452 80 55

e-mail : intertekcg.turkiye@intertek.com

<http://www.intertek-turkey.com>



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Test Method	Result	Requirement
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(*)Abrasion Resistance Martindale - Breakdown

ISO 12947-2:1998(Corrigendum1 2002) (withdrawn)

Applied Force: 9 kPa

	Result	Requirement
Specimen 1	No abrasion @ 20.000 Revolutions	20.000 Revolutions
Specimen 2	No abrasion @ 20.000 Revolutions	
Specimen 3	No abrasion @ 20.000 Revolutions	
Colour change @ 5000 Revs.	Grey:3-4 Other colours:2	No Requirement

Specimen breakdown:
-nonwovens, when the first hole resulting from the wear is of a diameter at least equal to 0.5 mm
*Severe change observed @20.000 revs

Estimated Total Uncertainty=(±%12,8)

Pilling Resistance - Modified Martindale

ISO 12945-2 : 2020

Original
2000 Revs
Used abradant:Standard wool fabric,Loading weight:415 g for Upholstery

Against to A Received

Pilling	3-4	No Requirement
Fuzzing	4	
Matting	5	

Estimated Total Uncertainty=(± 0,5 Grade)

Test Method	Result	Requirement
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Colour Fastness to Artificial Light - Xenon Arc Fading Lamp Test

ISO 105 B02:2014
Method 2 (Modified)
Blue Wool Grade 6 faded up to Grey Scale 4
Mode of operation: Non Turning
Illuminant used for assessment: natural daylight (D65)

Colour Change

a)Dark navy	6	No Requirement
b)Blue melange	6	
c)Light purple	5-6	
d)Black	6	
e)Blue	5	
f)Purple	5	
g)Green	5	
h)Navy	5-6	
i)Orange	6	
j)Yellow	5	
k)Others	6	

Estimated Total Uncertainty=(± 0,5 Grade)

RESULTS
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Test Method

Result

Requirement

Colour Fastness to Rubbing

ISO 105 X12:2016

Original

Dry

Wet

	Dry	Wet	
Yellow, blue design	4-5	4-5	No Requirement
Green, grey design	4-5	4-5	
Light blue, dark blue design	4-5	4-5	
Black, grey design	4-5	4-5	
Navy, purple design	4-5	4-5	
Orange, bordeaux design	4-5	4-5	
Others	4-5	4-5	

Unless otherwise indicated, specimen tested diagonally

Condition :ISO 139, Crockmeter, Rubbing Cloth, 9N, 10 times, ISO 105 A03 (Grey Scale for Staining)

Percentage of soaking: 95% - 100%

Finger: 16±0.1 mm diameter

Estimated Total Uncertainty=(± 0,5 Grade)

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Test Method	Result	Requirement
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Table 1 - Pilling grading scheme

Grade	Description
5	No change
4	Partially formed pills
3	Moderate pilling - pills of varying size and density partially covering the specimen surface
2	Distinct pilling - pills of varying size and density covering a large proportion of the specimen surface
1	Severe pilling - pills of varying size and density covering the whole of the specimen surface

Table 2 - Fuzzing grading scheme

Grade	Description
5	No change
4	Slight surface fuzzing
3	Moderate surface fuzzing
2	Distinct surface fuzzing
1	Dense surface fuzzing

Table 3 - Matting grading scheme

Grade	Description
5	No change
4	Slight surface matting
3	Moderate surface matting
2	Distinct surface matting
1	Dense surface matting

Colour Change Grading	
Grade	Description
5	Negligible or no change
4	Slight colour change
3	Moderate colour change
2	Distinct colour change
1	Severe colour change

Staining Grading	
Grade	Description
5	Negligible or no change
4	Slight staining
3	Moderate staining
2	Distinct staining
1	Severe staining

END OF TEST REPORT