

LION D.O.O
PARTIZANSKA 37, 78400 GRADISKA, BOSNIA HERZEGOVINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A)Woven fabric
Sample Color : (A)Grey
Composition : (A)92% POLYESTER,8%NYLON
End Use : (A)UPHOLSTERY FABRIC
Style No. STANLIO

Proposed Care Instruction : -

Sample Receiving Date : Mar 1, 2023
Testing Period : Mar 1, 2023 - Mar 6, 2023
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Conclusion	A	Remark
Colour Fastness To Light	PASS*	
Colour Fastness To Rubbing	PASS	
Tearing Strength	PASS	
Tensile Strength	PASS	
Pilling Resistance	PASS	
Seam Slippage	See Results	
Abrasion Resistance	PASS	

Remark(s) : FAIL=Below Client's Requirement
PASS=Meet General Requirement

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center

Alice Wang

Alice Wang (Authorized Signatory)

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Test Result

Colour Fastness To Light

(EN ISO 105-B02:2014; Method 2 (Modified), use Xenon arc lamp, Exposure Cycle: A1, no flip-flop mode was used)

Comparison upto blue wool reference 4

-	Unit	A	Requirement
Grade(B.W.S)	-	4-5	Min.4

Colour Fastness To Rubbing

(EN ISO 105-X12:2016; Size of rubbing finger: 16mm dia.)

As Received

-	Unit	A	Requirement
Dry Staining	Grade	4-5	Min.4
Wet Staining	Grade	4-5	Min.3

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.

Tearing Strength

(EN ISO 13937-1:2000+Cor.1:2006; Elmendorf)

As Received

-	Unit	A	Requirement
Length Yarns Torn	N	65	Min.12N
Width Yarns Torn	N	61	Min.12N

Tensile Strength

(EN ISO 13934-2:2014; Grab method)

As Received

-	Unit	A	Requirement
Length	N	1500	Min.230N
Width	N	850	Min.230N

Pilling Resistance

(EN ISO 12945-2:2000; Martindale Abrasion & Pilling Tester, Total load applied 415g)

As Received

After 500 Revolutions

Unit	A	Requirement
Pilling Rating	-	4-5
		Min.3-4

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Test Report
After 1000 Revolutions

SL67905254266408TX

Date: March 6, 2023

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- Unit **A**
Requirement Pilling Rating - 4-5
Min.3-4

After 2000 Revolutions

- Unit **A**
Requirement Pilling Rating - 4-5
Min.3-4

After 5000 Revolutions

- Unit **A**
Requirement Pilling Rating - 4-5
Min.3-4
Remarks : Pilling Rating

- 5 No change
- 4 Slight change fuzzing and/or partially formed pills
- 3 Moderate change fuzzing and/or moderate pilling, pills of varying size and density partially covering the specimen surface
- 2 Distinct surface fuzzing and/or distinct pilling, pills of varying size and density covering a large proportion of the specimen surface
- 1 Dense surface fuzzing and/or severe pilling, pills of varying size and density covering the whole of the specimen surface

Wool abradant

Seam Slippage

(EN ISO 13936-2:2004)

<u>Seam Slippage At 180N</u>	<u>Unit</u>	A	<u>Requirement</u>
Warp // Seam	mm	2.0	3.0
Weft // Seam	mm	2.0	3.0-

Abrasion Resistance

(EN ISO 12947-2:2016; Martindale Abrasion & Pilling Tester, Pressure: 12kPa)

As Received

- Unit **A**
Requirement The quoted result Rubs
>40000 Min.40000rubs

End of Report



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