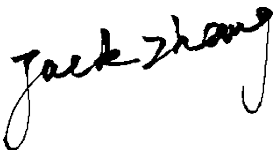


LION D.O.O.
PARTIZANSKA 37, 78400 GRADISKA, BOSNA I HERCEGOVINA

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

Sample Description : (A) Bonded fabric
Style No. : Cosmic New
Sample Color : 108(Light Grey)
Sample Receiving Date : Apr 28, 2023
Testing Period : Apr 28, 2023 – May 04, 2023
Test Result(s) : For further details, please refer to the following page(s).
Test Performed : Selected test(s) as requested by applicant

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Hangzhou Branch



Jack Zhang (Account Executive)



Test Result

Colour Fastness To Light

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

Comparison upto blue wool reference 4

-	Unit	(A)
Grade(B.W.S)	-	4

Colour Fastness To Rubbing

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

As Received

-	Unit	(A)
Dry Staining	-	4-5
Wet Staining	-	4

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

Abrasion Resistance

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

The Quoted Result (rubs) 32000 broken

Remarks: Color Change is according to ISO 105-A02; Grey Scale Rating is based on the step scale of 1 to 5, where 1 is bad and 5 is good



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Pilling Resistance

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

As Received

After 500 Revolutions

-	Unit	(A)
Pilling Rating	-	4-5

After 1000 Revolutions

-	Unit	(A)
Pilling Rating	-	4-5

After 2000 Revolutions

-	Unit	(A)
Pilling Rating	-	4

After 5000 Revolutions

-	Unit	(A)
Pilling Rating	-	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



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Seam Slippage

(EN ISO 13936-2:2004;)

<u>Seam Slippage At 180N</u>	<u>Unit</u>	<u>(A)</u>
Length // Seam	mm	2.5
Width // Seam	mm	3.3

Tearing Strength

(EN ISO 13937-3:2000;)

-	<u>Unit</u>	<u>(A)</u>
Warp/Length Yarns Torn	N	71
Weft/Width Yarns Torn	N	56

Tensile Strength

(EN ISO 13934-1:2013; Strip method)

-	<u>Unit</u>	<u>(A)</u>
Warp/Length	N	790
Weft/Width	N	660

End of Report

