

LION D.O.O

PARTIZANSKA 37,78400 GRADISKA,BOSNA AND HERCEGOVINA

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

Sample Description : BONDED FABRIC: IN BROWN(ZEPPELIN)

Color : brown

Sample Receiving Date : Jan 03,2020

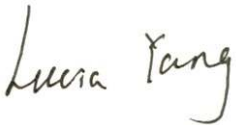
Testing Period : Jan 03,2020 - Jan 07,2020

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. Ningbo Branch



Lucia Yang



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	
Grade(B.W.S)	-	4

Colour Fastness To Rubbing

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

As Received

-	Unit	
Dry Staining	-	4-5
Wet Staining	-	4-5

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 Abrasion & Pilling Tester, Pressure: 12kPa)

-	Unit	
The quoted result	Rubs	>30000

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



Pilling Resistance

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

As Received

After 500 Revolutions

-	Unit	
Pilling Rating	-	4-5

After 1000 Revolutions

-	Unit	
Pilling Rating	-	4-5

After 2000 Revolutions

-	Unit	
Pilling Rating	-	4-5

After 5000 Revolutions

-	Unit	
Pilling Rating	-	4-5

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

Seam Slippage

(EN ISO 13936-2:2004;)

<u>Seam Slippage At 180N</u>	<u>Unit</u>	
Warp // Seam	mm	1.0
Weft // Seam	mm	1.1

Tearing Strength

(BS EN ISO 13937-3:2000;)

-	Unit	
Warp/Length Yarns Torn	N	56
Weft/Width Yarns Torn	N	44



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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Tensile Strength

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

	Unit	
Warp/Length	N	770
Weft/Width	N	490

End of Report

