

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 : BONDED FABRIC: IN ARETHA

Sample Receiving Date : Mar 16, 2020

Testing Period : Mar 16, 2020 - Mar 19, 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; 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	-

Colour Fastness To Rubbing

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

As Received

	Unit	(A)	Requirement
-			
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 Abrasion & Pilling Tester, Pressure: 12kPa)

	Unit	(A)	Requirement
-			
The quoted result	Rubs	>30000	-



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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)	Requirement
Pilling Rating	-	4-5	-

After 1000 Revolutions

	Unit	(A)	Requirement
Pilling Rating	-	4	-

After 2000 Revolutions

	Unit	(A)	Requirement
Pilling Rating	-	4	-

After 5000 Revolutions

	Unit	(A)	Requirement
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

Seam Slippage

(EN ISO 13936-2:2004;)

<u>Seam Slippage At 180N</u>	Unit	(A)	Requirement
Warp // Seam	mm	2.4	-
Weft // Seam	mm	2.1	-

Tearing Strength

(BS EN ISO 13937-3:2000;)

	Unit	(A)	Requirement
Warp/Length Yarns Torn	N	58	-
Weft/Width Yarns Torn	N	61	-



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Tensile Strength

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

	Unit	(A)	Requirement
Warp/Length	N	900	-
Weft/Width	N	430	-

Sample Photo



End of Report

