

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

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

Sample Description : WONDER (Bonded fabrics in dark grey 118 )  
Sample Receiving Date : May 15, 2023  
Test Performing Period : May15, 2023- May22, 2023  
Test Performed : Selected tests as requested by applicant.

\* \* \* \*

Test Result(s) : Please refer to the next page(s).

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

Jack Zhang (Account Executive)



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**Test Result:****Colour Fastness To Rubbing**

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

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 bad and 5 is good

**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 Grade (B.W.S)	4
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**Tensile Strength**

(EN ISO 13934-1:2013; Instron CRE - 2" Strip )

Length(N)	970
Width(N)	850

**Tearing Strength**

(EN ISO 13937-3:2000; Wing Shaped Tear)

Length yarns torn (N)	$1.3 \times 10^2$
Width yarns torn (N)	$1.3 \times 10^2$

**Seam Slippage**

(EN ISO 13936-2:2004)

Seam Slippage at 180N	
Seam//Length (mm)	2
Seam//Width (mm)	3



**Pilling Resistance**

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

As received

After 500 rubs.

Rating 4-5

After 1000 rubs.

Rating 4-5

After 2000 rubs.

Rating 4-5

After 5000 rubs.

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

**Abrasion Resistance**

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

The Quoted Result (rubs)

41000 broken

\*\*\* End of Report \*\*\*

