



## Test Report

Date : 2023-07-04  
No. : ST23060411

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**Applicant(Code:09303753) :** TONGXIANG RUN&FUN TEXTILE CO., LTD  
B-21 TECH PARK, DAMA TOWN, TONGXIANG CITY,  
ZHEJIANG,CHINA

**Description of Samples :** One (1) piece of submitted sample(s) said to be  
melange  
End Use: Sofa

**Date Samples Received :** 2023-06-29

**Date Tested :** 2023-06-29 to 2023-07-04

**Investigation Requested :** Selected test(s) as detailed herein.

A handwritten signature in black ink, appearing to read 'Steven, Li'.

Steven, Li  
Authorized Signatory



STC (Shanghai) Company Limited

No. 130 Huashen Road, Waigaoqiao Pilot Free Trade Zone, Shanghai, China. Zip Code: 200131

Tel: +86 21 5219 8248 Fax: +86 21 5219 8249 Email: shstc@stc.group Website: www.shstc.group  
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### Test Results:

#### 1.Colorfastness to Light

Ref.: AATCC 16.3-2020 Option 3

	<u>Test Result(Grade)</u>
After 20 AFU	4.5

Remark: Gray Scale Grade:  
Grade 5 – No changed / No staining  
Grade 4 – Slightly changed / Slightly stained  
Grade 3 – Moderate changed / Moderate stained  
Grade 2 – Considerably changed / Considerably stained  
Grade 1 – Much changed / Heavily stained

#### 2.Pilling Test

Test Method: EN ISO 12945-2:2020, 7000r

After 7000 rubs

<u>Test Item</u>	<u>Result (Grade)</u>
Pilling	4-5
Fuzzing	4
Matting	4-5

Remark: Pilling Rating:  
5 No change.  
4 Slight surface fuzzing and/or partially formed pills./Slight surface matting  
3 Moderate surface fuzzing and/or moderate pilling. Pills of varying size and density partially covering the specimen surface/ Moderate surface matting  
2 Distinct surface fuzzing and/or distinct pilling. Pills of varying size and density covering a large proportion of the specimen surface/ Distinct surface matting  
1 Dense surface fuzzing and/or severe pilling. Pills of varying size and density covering the whole of the specimen surface/Dense surface matting

#### 3. Seam slippage

Test Method: ASTM D4034-2019

<u>Direction</u>	<u>Slippage at 1/4" opening(lbf)</u>	<u>Seam strength(lbf)</u>	<u>Type of Failure</u>
//Warp	N/F	57.2	FTS
//Weft	87.2	109.9	STB

Notes: FTS-fabric torn at seam STB – sewing thread break  
N/F - the seam opening was less than 1/4" or 6mm through the ultimate seam strength was found as stated

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### Test Results:

#### 4. Tensile Strength

Ref: ASTM D5034-21

<u>Direction</u>	<u>Tensile Strength (lbf)</u>
Lengthwise	301.9
Widthwise	64.0

#### 5. Color fastness to Rubbing

Test Method: AATCC 8-2016

<u>Diagonally</u>	<u>Result (Grade)</u>
Dry	4.5
Wet	4

#### 6. Abrasion resistance

Test Method: ASTM D4966-22, Option 1, 12kPa

<u>Result( No. of breakage )</u>	>40000
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#### 7. Pilling Test

Test Method: ASTM D3512/D3512M-16

<u>Time(min)</u>	<u>Result(Grade)</u>
30	4

#### 8. Tear strength

Test Method: ASTM D2261-2013(2017), C.R.E Tensile Tester

<u>Direction</u>	<u>Result(lbf)</u>
Across to Lengthwise	29.8
Across to widthwise	18.6

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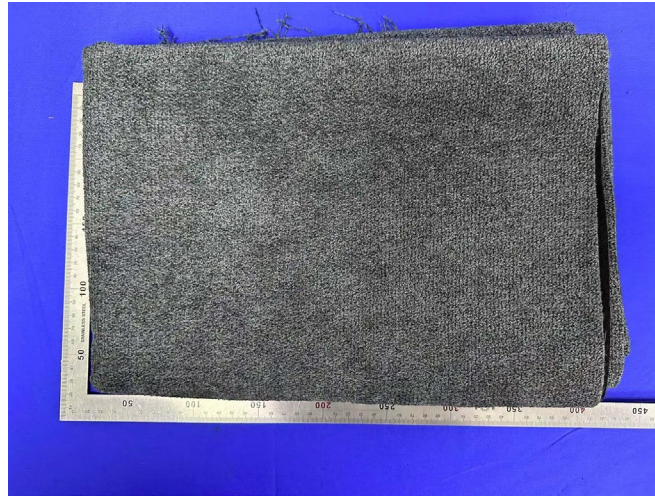
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### Test Results:

#### Sample Photo



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

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