

Test Report

No. SHSL1208186709TX

Date: Aug 21, 2012

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XM TEXTILES
ROOM 2201, NO.18, SHUNYI ROAD, PUTUO DISTRICT

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

Sample Description : Woven Fabric: Oxford 145 100%Polyester 145gsm Plain 150DX400D PU
1000MM In Palace Blue

Proposed Care Instruction : 

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Aug 17, 2012

Testing Period : Aug 17, 2012 TO Aug 21, 2012

Test Result(s) : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Ltd.

Tina Xi

Tina Xi
Account Executive

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Test Result

Dimensional Stability To Washing

(ISO 5077:2007/ISO 3759:2011/ISO 6330:2000/Amd 1:2008:Washing program No. 5A; Using front load, horizontal drum type machine wash at 40°C with 2kg total dry mass (knitted polyester ballast+ specimen) and 77% 'ECE' (A) + 3% TAED + 20% sodium perborate ,tumble dry low)

After 1 Wash

Lengthwise(%)	-1.6
Widthwise(%)	-0.1

Remarks: (+) Means extension (-) Means shrinkage

Colour Fastness To Washing

(ISO 105 C06:2010; Single test A2S, Machine wash at 40°C with 4g/l 'ECE(B)' detergent and 1g/l Sodium perborate solution with 10 steel balls.)

Change in shade	4-5
Staining on multi-fiber stripe	
Acetate	4-5
Cotton	4-5
Nylon	4-5
Polyester	4-5
Acrylic	4-5
Wool	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 Rubbing

(ISO 105 X12:2001/Cor 2002; 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

(ISO 105 B02:1994/Amd 1:1998+Amd 2:2000; use Xenon arc lamp)

Comparison upto blue wool reference 4

Grade (Bluewool Std)	4
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Tensile Strength

(ISO 13934-1:1999; CRE-50mm strip)

Warp/Length(N)	1100
Weft/Width(N)	1100

Tearing Strength

(ISO 13937-2:2000; Tongue Tear)

Warp yarns torn (N)	27
Weft yarns torn (N)	39

Pilling Resistance

(ISO 12945-1:2000;18000 revolutions in ICI pilling tester5hours)

As received

Rating	4-5
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Remarks: Pilling Rating

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

Hydrostatic Head Test

ISO 811:1981 Hydrostatic Head; Rate of increase of water pressure :60 cm H₂O/mintemp. of distilled water :

20°C,face side facing water

As received

Water column (mm H₂O)

Individual reading	:	
1#.		1214
2#.		1265
3#.		1102
4#.		1173
5#.		1295
Average	:	1214

*** End of Report ***

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