

SHANGHAI XM GROUP LTD  
ROOM 2403, ZHONGYI INTERNATIONAL BUSINESS BUILDING NO.1833, NORTH ZHONGSHAN ROAD,  
PUTUO DISTRICT, SHANGHAI

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

Sample Description : Fabric Topper TC 65/35 245GSM twill 2/1 VAT dyed in blue  
(20170040501 PC(6535)AJT)

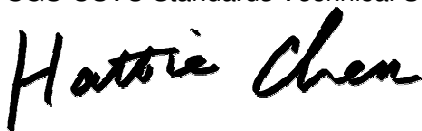
Proposed Care Instruction : 

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

Sample Receiving Date : Nov 14, 2017  
Testing Period : Nov 14, 2017 - Nov 17, 2017

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the  
sample(s) tested. For further details, please refer to the following page(s).

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co. Ltd



Hattie Chen  
Account Executive



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
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](mailto:CN.Doccheck@sgs.com)

**Test Result**

**Dimensional Stability To Washing**

(ISO 5077: 2007 / ISO 3759: 2011 / ISO 6330: 2012: Washing program No. 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 degree C with 2kg total dry mass (type III (100% polyester) ballast+ specimen) and 'ECE' (A) detergent+ Sodium perborate+ TAED, tumble dry low less than 50 degree C, .)

**After 5 Washes**

Lengthwise(%) -2.7  
 Widthwise(%) -1.2

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

**Colour Fastness To Washing**

(ISO 105-C06:2010; Test No. C2S, Machine wash at 60 degree C with 4g/l 'ECE(B)' detergent and 1g/l Sodium perborate solution with 25 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-X12:2016; Size of rubbing finger: 16mm diameter.)

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 bad and 5 is good

**Colour Fastness To Light**

(ISO 105-B02:2014; use Xenon arc lamp, exposure cycle A1, no flip-flop mode was used)

Comparison upto blue wool reference 4

Grade (Bluewool Std) 4



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
 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](mailto:CN.Doccheck@sgs.com)

SGS-CSI Standards Technical Services (Shanghai) Co., Ltd. 3<sup>rd</sup> Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 t (86-21) 61402666 f (86-21) 64958763 www.sgs.com.cn  
 Testing Center 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

### Pilling Resistance

(BS EN ISO 12945-2:2000; Martindale Abrasion & Pilling Tester; Total Load Applied 415g)

As received

After 125 rubs

Rating 4-5

After 500 rubs

Rating 4-5

After 1000 rubs

Rating 4-5

After 2000 rubs

Rating 4-5

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

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
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](mailto:CN.Doccheck@sgs.com)