

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

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

Sample Description : (A)Woven fabric (Master- 200, 100% cotton, 200GSM, 150cm Orange, Order: XMT-20-080)

Sample Color : (A)Orange

Proposed Care Instruction :



Sample Receiving Date : Jul 22, 2020

Testing Period : Jul 30, 2020 - Aug 04, 2020

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).

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

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

*Hattie Chen*

Hattie Chen (Account Executive)

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Test Result

**Colour Fastness To Light**

(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)
Grade(B.W.S)	-	4

**Colour Fastness To Rubbing**

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

As Received

-	Unit	(A)
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.

**Colour Fastness To Washing**

(ISO 105-C06:2010; Test No.:C2S, Machine wash at 60°C with 4g/L ECE (B) and 1g/L Sodium Perborate with 25 Steel Balls)

-	Unit	(A)
Change in Shade	-	4-5
Staining On Multi-fibre Stripe		
Acetate	-	4-5
Cotton	-	4-5
Polyamide	-	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 worst and 5 is best.



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**Dimensional Stability To Washing**

(ISO 3759:2011/ISO 5077:2007/ISO 6330:2012; Using horizontal axis, front-loading type machine; Procedure No.6N, Machine Wash At 60 °C; with 2kg total dry mass (Type I (100% Cotton) Ballast+ Specimen), 'ECE(A)' detergent+ Sodium Perborate+ TAED, Tumble Dry Low, Less Than 60 °C)

**After 1 Wash**

	Unit	(A)
Lengthwise	%	-1.7
Widthwise	%	-0.9

Remark: (+)Means Growth; (-)Means Shrinkage

**Tearing Strength**

(ISO 13937-2:2000; )

	Unit	(A)
Warp/Length Yarns Torn	N	20
Weft/Width Yarns Torn	N	18

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



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