

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 (BUILDER-240: ( BUILDER-240,100% cotton, 240 gsm, Order: XMT-20-023 )

Composition : (A)100% cotton

Sample Color : (A)Palace Blue #3

Proposed Care Instruction :



Sample Receiving Date : Jun 29, 2020

Testing Period : Jun 29, 2020 - Jul 02, 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 (Account Executive)

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## 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	-	3-4

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 4 g/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
Polyester	-	4-5
Acrylic	-	4-5
Wool	-	4

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.

## 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 mas s (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	%	-2.9
Widthwise	%	-2.3

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



## Tearing Strength

(ISO 13937-2:2000; )

	Unit	(A)
-		
Warp/Length Yarns Torn	N	30
Weft/Width Yarns Torn	N	21

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



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