



Fabric name	Master-200
Fabric weight	200 ± 5 gsm
Composition	100% Cotton
Full width	150 ± 2 cm
Weave	twill 3/1
Finishes	—
Area of use	multi seasonal workwear
Washing instruction	

Physical properties*

			warp	weft
1	Tensile strength, N	ISO 13934-1:2013	1000	500
2	Tearing strength, N	ISO 13937-3:2000	20	18
3	Dimensional Stability To Washing, max.	ISO 6330:2000	3.0%	3.0%
4	Abrasion Resistance	ISO 12947-2:2002	> 20 000	
5	Pilling Resistance (after 1000 rev.)	ISO 12945-2:2000	3-4	
6	Colour Fastness To Washing (cotton+polyester) 60°C, min.	ISO 105-C06:2010		
	Colour change	ISO 105-C06:2010	4-5	
	Colour staining	ISO 105-C06:2010	4	
7	Colour Fastness To Perspiration, min.	ISO 105-E04:2013		
	Colour change		4-5	
	Colour staining		4	
8	Colour Fastness To Rubbing, min.	ISO 105-X12:2001		
	Dry		3-4	
	Wet		2-3	
9	Colour Fastness To Light	ISO 105-B02:2013	> 4	

* The values shown are indicative and may vary slightly from batch to batch.

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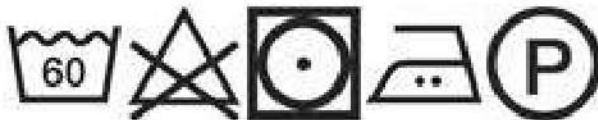
Test Report **SL52035274547901TX** **Date: August 04, 2020** **Page 1 of 3**
 SHANGHAI XM GROUP LTD
 ROOM 2403, ZHONGYI INTERNATIONAL BUILDING NO.1833, NORTH ZHONGSHAN ROAD, SHANGHAI

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, 150 cm Orange ,Order: XMT- 20-080)

Sample Color : (A)Grey LT10

Proposed Care Instruction :



Sample Receiving Date : Jul 30, 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
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	%	-1.1
Widthwise	%	-0.6

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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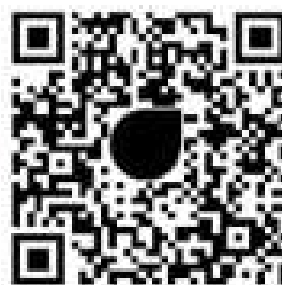
SGS-CSI Standards Technical Services (Shanghai) Co., Ltd.
Testing Center for Textiles

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**STANDARD
100**

**BEWO 084394
TESTEX**

**This certificate BEWO 084394 is valid until
15.08.2025.**

SUPPORTING DOCUMENTS

- ✓ Test report : BJ015 245163.1
- ✓ Declaration of conformity in accordance with
EN ISO 17050-1 as required by OEKO-TEX®
- ✓ OEKO-TEX® Terms of Use (ToU)

A handwritten signature in blue ink, appearing to read 'M. Bachmann', positioned above a horizontal line.

Matz Bachmann
Managing Director

A handwritten signature in blue ink, appearing to read 'D. Ajdinovic', positioned above a horizontal line.

Dijana Ajdinovic
Ecology Team Leader



Master-200

100% COTTON

200 GSM / TWILL 3/1



Fabric name	Master-200
Fabric weight	200 ± 5 gsm
Composition	100% Cotton
Full width	150 ± 2 cm
Weave	twill 3/1
Finishes	—
Area of use	multi seasonal workwear
Washing instruction	

Physical properties*

			warp	weft
1	Tensile strength, N	ISO 13934-1:2013	1000	500
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Raport de testare

SL52035274546701TX

Data: 04 august 2020

Pagina 1 din 3

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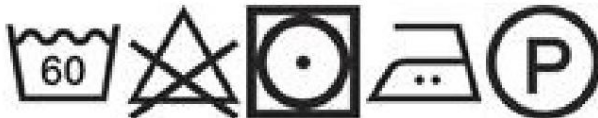
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Urmatoarele mostre au fost/au fost transmise și identificate în numele clientului ca:

Exemplu de descriere : (A) țesătură (Master- 200, 100% bumbac, 200 GSM, 150 cm
Portocaliu, Comanda: XMT-20-080)

Culoare eșantion : (A) Portocaliu

Instrucțiuni de îngrijire propuse:



Data primirii mostrei: 22 iulie 2020

Perioada de testare : 30 iulie 2020 - 04 august 2020

Rezultat(e) test : Dacă nu se specifică altfel, rezultatele prezentate în acest raport de testare se referă numai la
eșantioanele testate, pentru mai multe detalii, vă rugăm să consultați următoarea (paginile).

Test efectuat : Testele selectate conform solicitării solicitantului

Semnat pentru și în numele SGS-
CSTC Standards Technical Services (Shanghai) Co., Ltd Centrul de testare

Hattie Chen

Hattie Chen (executiv de cont)



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Raport de testare

SL52035274546701TX

Data: 04 august 2020

Pagina 2 din 3

Rezultatul testului

Rezistența culorii la lumină

(ISO 105-B02:2014; Metoda 2 (Modificat), utilizați lampă cu arc cu xenon, Ciclul de expunere: A1, nu a fost utilizat modul flip-flop)

Comparatie cu referința de lână albastră 4

	Unitate	(O)
Nota (BWS)	-	4

Rezistența culorii la frecare

(ISO 105-X12:2016; Dimensiunea degetului de frecare: 16 mm dia.)

Așa cum a fost primit

	Unitate	(O)
Colorare uscată	-	4-5
Colorare umedă	-	4

Observație: Evaluarea pe scară de gri se bazează pe scara în 5 trepte de la 1 la 5, unde 1 este cel mai rău și 5 este cel mai bun.

Rezistența culorii la spălare

(ISO 105-C06:2010; Test Nr.:C2S, Spălare la mașină la 60°C cu 4g/L ECE (B) și 1g/L perborat de sodiu cu 25 de bile de oțel)

	Unitate	(O)
Schimbarea în umbră	-	4-5
Colorare pe dungi multi-fibre		
Acetat	-	4-5
Bumbac	-	4-5
Poliamidă	-	4-5
Poliester	-	4-5
Acril	-	4-5
Lână	-	4-5

Observație: Evaluarea pe scară de gri se bazează pe scara în 5 trepte de la 1 la 5, unde 1 este cel mai rău și 5 este cel mai bun.



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Raport de testare

SL52035274546701TX

Data: 04 august 2020

Pagina 3 din 3

Stabilitate dimensională la spălare

(ISO 3759:2011/ISO 5077:2007/ISO 6330:2012; Folosind axa orizontală, mașină cu încărcare frontală; Procedura nr.6N, spălare la mașină la 60°C; cu masa totală uscată de 2 kg (Tip I (100% bumbac) Balast+ Eșantion de sodiu, ED') Uscat scăzut, mai puțin de 60°C)

După 1 spălare

	Unitate	(O)
Pe lungime	%	-1,7
Pe lățime	%	-0,9

Observație: (+) Înseamnă creștere; (-) Înseamnă contracție

Forța de rupere

(ISO 13937-2:2000;)

	Unitate	(O)
Urzeală/Lungime Fire rupte	N	20
Fire de bătătură/lățime rupte	N	18

Sfârșitul raportului



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