



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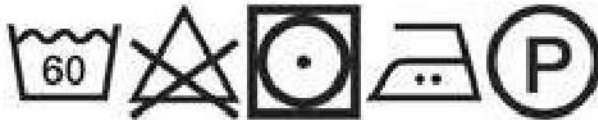
Test Report **SL52035274547901TX** **Date: August 04, 2020** **Page 1 of 3**
SHANGHAI XM GROUP LTD
ROOM 2403, ZHONGYI INTERNATIONAL BUILDING NO.1833, NORTH ZHONGSHAN ROAD, SHANGHAI

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 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 | % | -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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**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**