

# Mechanic-280

100% COTTON

280 GSM / TWILL 3/1



Fabric name	Mechanic-280
Fabric weight	280 ± 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	30	28
3	Dimensional Stability To Washing, max.	ISO 6330:2000	3.0%	3.0%
4	Abrasion Resistance	ISO 12947-2:2002	> 30 000	
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	3-4	
	Colour staining	ISO 105-C06:2010	3-4	
7	Colour Fastness To Perspiration, min.	ISO 105-E04:2013		
	Colour change		3-4	
	Colour staining		3-4	
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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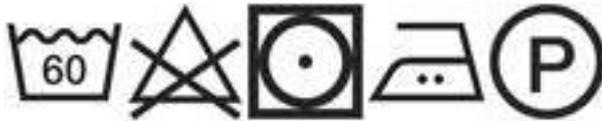
SHANGHIA XM GROUP LTD  
ROOM 2403, ZHONGYI INTERNATIONAL BUILDING NO.1833, NORTH ZHONGSHAN ROAD, SHANGHAI

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

Sample Description : (A)Woven fabric (MECHANIC-280,100% cotton, 280 gsm 150 cm, Order:XMT-20-079 )

Sample Color : (A)Dark Navy #21

Proposed Care Instruction :



Sample Receiving Date : Jul 22, 2020

Testing Period : Jul 22, 2020 - Jul 27, 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

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 mas s (Type I (100% Cotton) Ballast+ Specimen), 'ECE(A)' detergent+ Sodium Perborate+ TAED, Tumble Dry Low, Less Than 60°C,warm iron)

After 1 Wash

	Unit	(A)
Lengthwise	%	-3.0
Widthwise	%	-0.4

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

**Tearing Strength**

(ISO 13937-2:2000; )

	Unit	(A)
Warp/Length Yarns Torn	N	33
Weft/Width Yarns Torn	N	37

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



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# Mecanic-280

100% BUMBAC

280 GSM / TWILL 3/1



Numele materialului	Mecanic-280
Greutatea materialului	280 ± 5 g/m <sup>2</sup>
Compoziție	100% bumbac
Lățime completă	150 ± 2 cm
ese	twill 3/1
Finisaje	—
Domeniu de utilizare	îmbrăcăminte de lucru multi-sezon
Instrucțiuni de spălare	

## Proprietăți fizice\*

			urzeală	bătătură
1	Rezistență la tracțiune, N	ISO 13934-1:2013	1000	500
2	Rezistență la rupere, N	ISO 13937-3:2000	30	28 de ani
	Stabilitate tridimensională la spălare, max.	ISO 6330:2000	3,0%	3,0%
4	Rezistență la abraziune	ISO 12947-2:2002	> 30 000	
5	Rezistență la scămoșare (după 1000 rot.)	ISO 12945-2:2000	3-4	
6	Rezistența culorii la spălare (bumbac+poliester) 60°C, min.	ISO 105-C06:2010		
	Schimbare de culoare	ISO 105-C06:2010	3-4	
	Colorare	ISO 105-C06:2010	3-4	
7	Rezistența culorii la transpirație, min.	ISO 105-E04:2013		
	Schimbarea culorii		3-4	
	Colorarea culorilor		3-4	
	Rezistența culorii la frecare, min. 8	ISO 105-X12:2001		
	Uscat		3-4	
	Umed		2-3	
9	Rezistența culorii la lumină * Valorile	ISO 105-B02:2013	> 4	

afișate sunt orientative și pot varia ușor de la lot la lot.

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Raport de testare

SL52035273876801TX

Data: 27 iulie 2020

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SHANGHIA XM GROUP LTD

CAMERA 2403, CLĂDIRA INTERNAȚIONALĂ ZHONGYI NR. 1833, ȘOSEAUA ZHONGSHAN DE NORD, SHANGHAI

Următoarele mostre au fost trimise și identificate în numele clientului ca fiind:

Descrierea eșantionului (A) Material țesut (MECHANIC-280, 100% bumbac, 280 g/m<sup>2</sup> 150 cm, Comandă: XMT-20-079)

Culoare mostră (A)Bleumarin închis #21

Instrucțiuni de îngrijire propuse:



Data primirii mostrei: 22 iulie 2020

Perioada de testare : 22 iulie 2020 - 27 iulie 2020

Rezultatul(e) testului Dacă nu se specifică altfel, rezultatele prezentate în acest raport de testare se referă numai la eșantionul/ eșantioanele testate; pentru detalii suplimentare, vă rugăm să consultați pagina/paginile următoare.

Test efectuat Test(e) selectat(e) conform solicitării solicitantului

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

*Hattie Chen*

Hattie Chen (Director de conturi)

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Raport de testare  
Rezultatul testului

SL52035273876801TX

Data: 27 iulie 2020

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### Rezistența culorii la lumină

(ISO 105-B02:2014; Metoda 2 (Modificată), se utilizează lampă cu arc xenon, Ciclu de expunere: A1, nu s-a utilizat modul bistabil)

### Comparație până la lâna albastră de referință 4

	Unitate	(A)
Grad (BWS)	-	4

### Rezistența culorii la frecare

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

### Asa cum a fost primit

	Unitate	(A)
Colorare uscată	-	4-5
Colorare umedă	-	3

Observație: Evaluarea pe scara de gri se bazează pe o scală în 5 trepte de la 1 la 5, unde 1 reprezintă cel mai slab, iar 5 cel mai bun.

### Rezistența culorii la spălare

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

	Unitate	(A)
Schimbare de umbră	-	4-5
Colorarea pe dungi multifibre		
Acetat	-	4-5
Bumbac	-	4-5
Poliamidă	-	4-5
Poliester	-	4-5
Acril	-	4-5
Lână	-	4-5

Observație: Evaluarea pe scara de gri se bazează pe o scală în 5 trepte de la 1 la 5, unde 1 reprezintă cel mai slab, iar 5 cel mai bun.

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Raport de testare

SL52035273876801TX

Data: 27 iulie 2020

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### Stabilitate dimensională la spălare

(ISO 3759:2011/ISO 5077:2007/ISO 6330:2012; Utilizare mașină cu ax orizontal, încărcare frontală; Procedura nr. 6N, Spălare la mașină la 60°C; cu 2 kg de greutate totală uscată (Tip I (100% bumbac) balast + mostră), detergent „ECE(A)” + perborat de sodiu + TAED, Uscare la uscător la temperatură scăzută, sub 60°C, călcare caldă)

### După 1 spălare

	Unitate	(O)
Pe lungime	%	-3.0
Pe lățime	%	-0,4

Observație: (+) Creștere medie; (-) Con tracție medie

### Rezistență la rupere

(ISO 13937-2:2000; )

	Unitate	(A)
Fire de urzeală/lungime rupte	N	33
Fire rupte în bătătură/lățime	N	37

\*\*\*Sfârșitul raportului\*\*\*

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**Тел. + 373-79-904-054**

## **Instrucțiune generală de utilizare**

### **Costum special de lucru pentru sezonul de vară**

#### **1. Destinație**

Costumul de lucru pentru sezonul de vară este destinat protecției împotriva murdăriei industriale generale și a factorilor mecanici minori în timpul desfășurării activităților în sezonul cald sau în spații încălzite (construcții, producție, depozite, servicii tehnice etc.).

#### **2. Componență**

- Jachetă
- Pantaloni sau salopetă
- Elemente reflectorizante (în funcție de model)

#### **3. Caracteristici principale**

- Material ușor și respirabil
- Țesătură rezistentă la uzură
- Cusături întărite
- Buzunare funcționale pentru unelte
- Elemente de ajustare pentru confort sporit

#### **4. Mod de utilizare**

1. Alegeți mărimea potrivită pentru a asigura confort și libertate de mișcare.
2. Închideți toate fermoarele și capsele înainte de începerea lucrului.
3. Utilizați costumul doar conform destinației.
4. Nu utilizați produsul dacă prezintă deteriorări sau rupturi.

#### **5. Întreținere și depozitare**

- Spălare la temperatura indicată pe etichetă (de regulă 30–40°C).
- Nu utilizați înălbitori dacă nu este permis de producător.
- Uscare naturală sau la temperatură moderată.

- Călcare la temperatura recomandată pentru tipul de material.
- Depozitare în spațiu uscat și curat.

**Director**  
**Absolutely Safety SRL**

**Dubic Vera**