

# Cosmo-200

67% POLYESTER / 27% VISCOSE / 6% SPANDEX 200 GSM / TWILL 2/1



Fabric name	Cosmo-200
Fabric weight	200 ± 5 gsm
Composition	67% polyester, 27% viscose, 6% spandex
Full width	150 ± 2 cm
Weave	twill 2/1
Finishes	-
Area of use	Beauty and Health industry
Washing instruction	40 🗶 🖸 🖂

# Physical properties\*

			warp	weft
1	Tensile strength, N	ISO 13934-1:2013	1000	970
2	Tearing strength, N	ISO 13937-3:2000	41	57
3	Dimensional Stability To Washing, max.	ISO 6330:2000	3.0%	3.0%
4	Abrasion Resistance	ISO 12947-2:2002	> 80	000
5	Pilling Resistance (after 1000 rev.)	ISO 12945-2:2000	4	4
6	Colour Fastness To Washing (cotton+polyester) 60°C, min.	ISO 105-C06:2010		
	Colour change ISO 10		Į.	5
	Colour staining	ISO 105-C06:2010	4	-5
7	Colour Fastness To Perspiration, min. ISO 105-E04:2013			
	Colour change		4	-5
	Colour staining		4	-5
8	Colour Fastness To Rubbing, min. ISO 105-X12:2001			
	Dry		4	-5
	Wet			4
9	Colour Fastness To Light	ISO 105-B02:2013	>	6

<sup>\*</sup> The values shown are indicative and may vary slightly from batch to batch.

www.xmtextiles.com



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SHANGHAI XM GROUP LTD

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

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

Sample Description : (A)Woven fabric (COSMO -200 67% poly/27%visc,6%sp 32S+40D\*150D+40D

TWILL 2/1 Color: Ash Pink #22-21 Order XM-24-030-WWP)

Sample Color : (A)Ash Pink #22-21

Proposed Care Instruction:

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

Sample Receiving Date : Mar 20, 2024

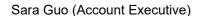
Testing Period : Mar 20, 2024 - Mar 26, 2024

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).

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd





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Test Result

#### **Dimensional Stability To Washing**

(ISO 3759:2011/ISO 5077:2007/ISO 6330:2021;Using horizontal axis, front-loading type machine; Procedure No.4N, Machine Wash At 40°C; with 2.0±0.2kg total dry mass (Type III (100% Polyester) Ballast+ Specimen) and 20±1 g ECE reference detergent 98 without optical brightener, Tumble Dry Low, Not Exceeding 60°C, Warm Iron.)

#### After 5 Washes

-	Unit	Α
Lengthwise	%	-1.3
Widthwise	%	-0.4

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

### **Colour Fastness To Washing**

(ISO 105-C06:2010;Test No.:A2S, Machine wash at 40°C with 4g/L ECE (B) and 1g/L Sodium Perborate with 10 Steel Balls)

· -	Unit	Α
Change in Shade	Grade	4-5
Staining On Multi-fibre Stripe		
Acetate	Grade	4-5
Cotton	Grade	4-5
Polyamide	Grade	4-5
Polyester	Grade	4-5
Acrylic	Grade	4-5
Wool	Grade	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.

### Colour Fastness To Rubbing

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

### As Received

-	Unit	Α
Dry Staining	Grade	4-5
Wet Staining	Grade	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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**Test Report** 

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#### **Pilling Resistance**

(ISO 12945-2:2000; Martindale Abrasion & Pilling Tester, Total load applied 415g)

#### As Received

After 125 Revolutions	Unit	Α
Pilling Rating	-	4
After 500 Revolutions - Pilling Rating	Unit -	<b>A</b> 4
After 1000 Revolutions - Pilling Rating	Unit -	<b>A</b> 3-4
After 2000 Revolutions - Pilling Rating	Unit -	<b>A</b> 3
After 5000 Revolutions - Pilling Rating	Unit -	<b>A</b> 2-3
After 7000 Revolutions - Pilling Rating	Unit -	<b>A</b> 2

Remarks: Pilling Rating

- 5 No change
- 4 Slight change fuzzing and/or partially formed pills
- 3 Moderate change fuzzing and/or moderate pilling, pills of varying size and density partially covering the specimen surface
- 2 Distinct surface fuzzying and/or distinct pilling, pills of varying size and density covering a large proportion of the specimen surface
- Dense surface fuzzing and/or severe pilling, pills of varying size and density covering the whole of the specimen surface



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#### **Test Report**

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





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Report No.: 244462033a 001

Client: SHANGHAI XM GROUP LTD

Contact Information: Office 2403, 24th Floor, Zhongyi International Commercial Plaza, 1833

Zhongshan North Road, Shanghai, China

Contact Person: Jing wang

#### Sample Description as Declared:

No. Of Sample : One (1)

Fibre Content : 67% polyester,27% viscose,6% spandex

Material : (COSMO-200,67% polyester,27% viscose,6% spandex,Order: XMT-22-216

-HHT-LT)

Order : XMT-22-216-HHT-LT

Colour : Bordo

Applicant's Provided Care Instruction/Label:











Sample obtaining method: Sending by customer

**Condition at delivery:** Test item complete and undamaged.

Sample Receiving date: 2022-11-14

**Testing Period:** 2022-11-14 to 2022-11-17

Place of testing: Textiles laboratory Shanghai

For and on behalf of TÜV Rheinland (Shanghai) Co., Ltd.

2022-11-18 Carmen Yan / Department Manager

Date Name / Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

Decision Rule" document announced in our website (https://www.tuv.com/landingpage/en/qm-gcn/) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.



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# Summary of Test Result(s):

Test parameter	Result	Failed Material No.
Dimensional Change To Washing	No Comment	-
Colour Fastness To Rubbing	No Comment	-
Colour Fastness To Washing	No Comment	-

### **Material List:**

Material No.	Material	Color	Location
M001	Textile	Bordo	Woven fabric



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### 1. Dimensional Change To Washing

Test method : ISO 3759:2011 / ISO 6330:2021 / ISO 5077:2007

Apparatus : Front-loading horizontal rotating drum type

Test condition : Washing programme 4N, at 40°C, with 20g Non-phosphate detergent 3, 2kg

loading, tumble dry - delicate

M001 Requirement

After five washes

Warp -1.5% Weft -0.3%

Remark: (+) = Extension

(-) = Shrinkage

### 2.Colour Fastness To Rubbing

Test method : ISO 105-X12:2016

	<u>M001</u>	Requirement
<u>Dry</u>		-
- Length	4	
- Width	4	
<u>Wet</u>		-
- Length	2-3	
- Width	2-3	



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### 3. Colour Fastness To Washing

Test method : ISO 105-C06:2010

Test condition : A2S, 30 min mechanical wash at 40°C in 0.4% ECE reference detergent with

phosphates and 0.1% sodium perborate with 10 steel balls

	<u>M001</u>	<u>Requirement</u>
Colour change	4	-
Colour staining		-
- Acetate	3-4	
- Cotton	4-5	
- Polyamide	3-4	
- Polyester	4	
- Acrylic	4-5	
- Wool	4	



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### Sample Photo



- END -



#### General Terms and Conditions of Business of TÜV Rheinland in Greater China

These General Terms and Conditions of Business of TÜV Rheinland in Greater China ("GTCB") is made between the client and one or more member entities of TÜV Rheinland in Greater China as applicable as the case may be ("TÜV Rheinland"). The Greater China have forester china have who concludes the contract not for the purpose of a daily use; the incorporated or unincorporated entity duly organized, validly existing and capable to form legally binding contracts under the applicable law. The following terms and conditions apply to agreed services including consultancy services, information, deliveries and similar services as well as an artillary services and other secondary have serviced the contract of th

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surgescurs provised winn the scope of contract performance. Any standard terms and conditions of the client of any statute shall not apply and shall hereby be expressly and conditions of the client of any statute shall not apply and shall hereby be the client of the client of the client shall form part of in the contract of an originity business relationship with the client, this CTBS shall also apply to future contracts with the client without TUV Rheinland having to refer to them separately in each individual case.

Unless otherwise agreed, all quotations submitted by TÜV Rheinland can be changed by TÜV Rheinland without notice prior to its acceptance and confirmation by the other party.

#### Coming into effect and duration of contracts

The contract shall come into effect for the agreed terms upon the quotation letter of TÜV Rheinland or a separate contractual document being signed by both contracting parties, or upon Rheinland or a separate contractual document being signed by both contracting parties, or upon Rheinland without receiving a quotation from TÜV Rheinland (quotation), TÜV Rheinland is in its soile discretion, enterfield to accept the order by giving written notice of such acceptance (including notice sent via effectivoir means) or by performing the requested services. The contract lare material sport her comprise the contract in accordance with article 3.1 and shall continue for the term agreed in the contract. It is contract term will be extended by if the contract produce for an extension of the contract term, the contract term will be extended by notice prior to the end of the contractual term. 3.1

Scope of services

The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland shall be written confirmation of ode by TÜV Rheinland shall be sourced in TÜV Rheinland shall be the written confirmation of ode by TÜV Rheinland shall be the service description (e.g. checking the correctness and functionality of parts, products, processes, installations, organizations not listed in the service description, as well as the intended use and application of auch) are not owed. In particular, no responsibility is assumed for the orphit, urities this is expressly stated in the order.

The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered inthe off to description, in its sold description, the method and nature of the assessment unless otherwise agreed in writing or if mandatory provisions require a specific procedure to be followed.

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excution of the work there shall be no simultaneous assumption of any guarantee of the trees (proper quality) and working order of either tested or examined parts nor of the chress (proper quality) and working order of either tested or examined parts nor of the fallation as a whole and its upstream and/or downstream processes, organisations, use and fallation as a whole in accordance with regulations, nor of the systems on which the installation is based, or a construction of the proper of

with regulatoris, unless tiesed releasons are level present yourset or yet included. In the case of insepection work, TOV Rheinland shall not be responsible for the accuracy or checking of the safety programmes or safety regulations on which the inspections are based, it is not to the contract of the safety programmes for the agreed sarvice scope change after conclusion of the contract, with a written notice to the client, TOV Rheinland shall be entitled to additional remuneration for resulting additional expenses, served occlusionly with the central programmes and the contract of third parties with the services of TOV Rheinland as well as making available of and justifying ordindence in the work results (seat reports, test results, expert programmes) and part of the agreed services. This also applies if the client passes on work results - in a full or in samulation and are sufficiently in the contract with TOV Rheinland as well as making available of and justifying ordindence in the work work classes 11.4.

or and justifying confidence in the work results (test reports, test results, expert reports, etc.) is not until or his not roll the agreed services. This side applies if the client passes on work results - in hill or in The client understands and agrees that in order to perform the contract with TUV Reinland, the client may need to sign one or more contractal agreements with amore third party(es) and establish legal relationships with that those third party(es) according to such certain the contractal party of the contractal provided by the contractal party of the contractal

5.3

Performance periods/dates of performance are based on estimates of the work involved which are prepared in line with the details provided by the client. They shall only be binding flowing confirmed as binding by TUV Rheinland in writing. It is involved to the client of the provided performance have been agreed, these periods shall not commence until the Arclines 5.1 and 5.2 also apply, even without express approval by the client, to all extensions of agreed periods/dates of performance not caused by TUV Rheinland. TUV Rheinlands in our responsible for a delay in performance, in particular if the client has not particular, has not provided TUV Rheinland or adely in performance. In particular, has not provided TUV Rheinland with all documents and information required for the performance of the service as specified in the contract.

If the performance of truth Rheinland with all documents and information required for the performance of the service as specified in the contract.

If the performance of truth Rheinland is delived due to unforesseable circumstances such as force majore, affiliars, business distriptions, preventmental regulations, transport obtacles, etc., TUV at least to the duration of the hindrance plus any time period which may be required to resume performance. 5.6

performance. If the client is obliged to comply with legal, officially prescribed and/or by the accreditor prescribed deadlines, it is the client's responsibility to agree on performance dates with TUV Rhentland, which enable the client to comply with the legal and/or officially prescribed deadlines. TUV within specifically stating that ensuring the deadlines is the contractual obligation of TUV Rhentland.

### The client's obligation to cooperate

The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and at no cost to TÜV Rheinland.

Design documents, supplies, auxiliary staff, etc. necessary for performance of the services shall be made available free of charge by the client. Moreover, collaborative action of the client must be undertaken in accordance with legal provisions, standards, safety regulations and accident prevention instructions. And the client represents and warrants that:

It has required statutory qualifications;

It doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China.

If the client breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/order without prior notice; and ii) withdraw the issued testing report/certificates if any.

It he scope of performance is not laid down in writing when the order is placed, invoicing shall be based on costs actually incurred. If no price is agreed in writing, invoicing shall be made in accordance with the price last of TVD Rheinland wild at the time of performance. Unless otherwise agreed, work shall be invoiced according to the progress of the work. If he execution of an order extends over more than one month and the value of the contract or the agreed fixed price exceeds £2,500.00 or equivalent value in local currency. TÜV Rheinland may demand payment on account or in instaliments.

8.3

Payment terms

All invoice amounts shall be due for payment within 30 days of the invoice date without deduction in receipt of the invoice. No discounts and rebates shall be granted. In receipt of the invoice, not expected the properties of the payment of the p 8.4

ses in which the commencement of insolvency proceedings has been dismissed due to lack of

ons to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of

Objections to the invoices of TUV Knewnerus aprecipations are receiped of the invoices of TUV Knewnerus aprecipation and the control of the invoices. TUV Kneinland shall be entitled to demand set less eat the beginning of a month if overheads and/or purchase costs have increased. In this case, TUV Kneinland shall notify the client in writing of the rise in fees. This notification shall be issued one morth prior to the date on which the rise in fees shall come into effect (period of notice of changes in fees). If the rise in fees remains under 5% exceeds 5% per contractual very the client shall be entitled to beminate the contract by the end of the period of notice of changes in fees, if the contract is not terminated, the changed fees shall be deemed to have been agreed upon by the time of the expiry of the notice period.

Only legally established and undisputed claims may be offset against claims by TÜV Rheinland. TÜV Rheinland shall have the right at all times to setoff any amount due or payable by the client, including but not limited to setoff against any fees paid by the client under any contracts, agreement and/or orders/quotations reached with TÜV Rheinland.

Any part of the work result ordered which is complete in itself may be presented by TÜV Rheinland for acceptance as an instalment. The client shall be obliged to accept it immediately. If acceptance is required or contractually agreed in an individual case, this shall be deemed to have basen place leve (2) weeks after competent and hardwork or of the work, unless that have been with the princh stalling at least one fundamental breach of contract by TÜV. Rheinland or contract by TÜV.

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is not entitled to refuse acceptance due to insignificant breach of contract by TÜV

Rheidrad.

If acceptance is excluded according to the nature of the work performance of TÜV Rheinland, he completion of the work shall take its place.

During the Follow-Audit stage, if the client was unable to make use of the time windows provided for within the scope of a certification procedure for auditing/performance by TÜV Rheinland and the certificate is therefore to be withdraw (e.g. performance of surrellinear equality, or if the client cancels or postpones a confirmed audit date within two (2) weeks before the agreed date, TÜV Rheinland is entitled to immediately chaige a fump—sum compensation of 10% of the coder the confirmance of the complex of t

Rheinland has incurred no damage whatsoever or only a cursorenauy www. www.np.
londar as the client has undertaken in the contract to accept services, TUV Rheinland shall also
be entitled to Antege lump-sum damages in the amount of 10% of the order amount as
compensation for expenses if the service is not called within one year after the order has been
placed. The client reserves the right to prove that the TUV Rheinland has incurred no damage
whatsoever or only a considerably lower damage than the above mentioned lump sum.

Confidentiality

For the purpose of these terms and conditions, "confidential information" means all know-how, trade secrets, documents, images, drawings, expentise, information, dats, test resulfs, reports, rade secrets, documents, images, drawings, expentise, information, dats, test resulfs, reports, rade secrets, documents, images, drawings, expentise, information, dats, test resulfs, resports, rade and result of the control of the co

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the receiving party afready possessed this information prior to disclosure by the disclosing party, the the receiving party developed it itself, irrespective of disclosure by the disclosing party, shall not be deemed to constitute 'confidential information' as defined in this confidentially clause. All confidential information shall remain the property of the disclosing party. The receiving party hereby agrees to immediately (i) return all confidential information, including all copies, to the disclosing party, and/or (ii) or nequeste by the disclosing party. The receiving party hereby agrees to immediately (i) return all confidential information, including all copies, to the disclosing party in writing, at any time if so requised by the disclosing party but at the latest and without special request after termination or expiry of the contract. This does not extend to include reports and certificates prepared for the client solely for the purpose of hillling the obligations under the contract, which shall remains with the client. However, TOV Rheinland is entitled to make preparing these reports and certificates in order to evidence the correctness of its results and for general documentation purposes required by laws, regulations and the requirements of working procedures of TOV Rheinland.

#### Copyrights and rights of use, publications

10.6

10.7

Copyrights and rights of use, publications
TÜV Rheinand shall retain all exclusive copyrights in the reports, expert reports/ciprions, test reports/re

on of work results.

Any publication or duplication of the work results for advertising purposes or any further use of the work results beyond the scope regulated in clause 11.2, and any guidation of the introduction of Besides, the client resurses that the afforced use shall comply with relevant applicable less, regulations and relevant rules (including but not limited to specific applicable testing and certification rules, recules a crose joint approval according to clause 11.5 at any line without TV Phinistand may recule a crose join approval according to clause 11.5 at any line without TV Phinistand rules are consistent of the work results immediately at his own expense and, as far as possible, to windraw publications. The consent of TVV Rheinland to publication or duplication of the work results does not entitle the client to use the corporate logo, corporate design or testification and of TVV Rheinland.

Liability of TÜV Rheinland

Trespective of the signal brain, in the fullest extent permitted by applicable law, in the over of a breach of a contractual abdigations or toot, the liability of TÜV Rheinland for all damages, losses and reimburnement of expenses and the contractual abdigations or toot, the liability of TÜV Rheinland for all damages, losses and reimburnement of expenses and the limited to; (i) in the case of a contract with a fixed overall lee, three times the overall feet for the entire contract, (ii) in the case of a contract with a fixed overall lee, three times the overall feet for the entire contract, (ii) in the case of a contract with a fixed overall lee, three times the overall feet for the entire contract, (iii) in the case of a framework agreement that provides for the possibility of placing individual orders, three times of the feet for the individual order under which the damages or losses have occurred, according to the freedom provisions exceeds 2.5 Million Euro or equivalented manual from the contract of the con

breach (researche) retreached versions and the personnel made available by the client to support TUV Rheinland in the personnel made available by the client to support TUV Rheinland in the performance of its services under the contract, unless such personnel made available is regarded as vicarious agent of TUV Rheinland ITUV Rheinland is not liable for the acts of the personnel made available by the client under the foregoing provision, the client shall indemently TUV Rheinland against any clients made by third prices arising from a Client shall indemently TUV Rheinland against any clients made by their other astings from a Client shall indement the Client shall be client to the Client shall be client shall be client to the Client shall be client s 12.5

When passing on the services provided by TÜV Rheinland or parts thereof to third parties in Greater China or other regions, the client must comply with the respectively applicable regulations of national and infermional export control law. When the provise that there are no obstacles to performance do a contract with the client is subject to the provise that there are no obstacles to performance due to national or international foreign trade legislations or embarges and/or sanctions, in the event of a violation, TÜV thereinand shall be entitled to terminate the contract with immediate effect and the client shall compensate for the losses incord freed by TÜV.

Data protection notice

The client understands and agrees that TUV Rheinland processes personal data (including but not initiated to personal information) of the client and its related parties (including but not limited to personal information) of the client and its related parties (including but not limited to the supplier of the client) for the purpose of fulfilling this contract. The client confirms that it has process the personal data that the client confirms that it has process the personal data that the client collected or processed by tested and transferred to TUV Rheinland. For certain services, we may also process sensitive personal data. TUV Rheinland will use and process the data in accordance with the relevant legal basis. If any personal data has to be disclosed or transferred to any third party or any overseas party outside of the district in which the data is accordance with the privacy and personal data security related laws and regulations in China and the local country. TUV Rheinland will take measures to avoid any leadings, abuse, manipulation, diamage or unauthorized access of personal data. The personal data will be detend the following injection, right of processing limitation, right of objection, right of destination, right of processing limitation, right of objection, right of destination data by TUV Rheinland as the personal data by TUV Rheinland as the personal data typication data by TUV Rheinland as the protection distance that the distance of the processing of personal data by TUV Rheinland by e-mail at distance to the full transfer and the following address: TUV Rheinland Aby e-mail at distance to the full transfer and the following address: TUV Rheinland Aby e-mail at protection Officer of TUV.

Retention of test material and documentation

The test samples submitted by the client to TÜV Rheinland for testing will be scrapped following testing or will be returned to the client at the client's expense. The only exceptions are test samples, which are placed in storage on the basis of statutory regulations or of another samples, which are placed in storage on the basis of statutory regulations or of another client in the second second of the client in the properties of the client in the state and the samples are standing a test sample into storage will be disclosed to the client in the quotation. If reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference sensities of charge. If the client, in response to such a request, its recognition and popularity damage resulting from the respective testing and certification that is brought forward by the client against TÜV Rheinland shall be voided.

The retention period for the documentation shall be 10 (ten) years after the expiry of the test mark certification or shall meet the applicable legal requirements for EUEC certificatios of conformity.

The costs of the handower and dispatch of the test samples for storage on the client's permises are borne by the client. TUV Rheinland will be islable for the loss of test samples or reference samples from the laboratories or warehouses of TÜV Rheinrand only in case of gross negligence.

15.4

Termination of the contract

Neveltistanding clause 3.3 of the GTCB, TUV Rheinland and the client are entitled to terminate the contract in its entirety or, in the case of services combined in one contract, each of the combined parts of the contract individually and independently of the continuation of the remaining encices with six (6) months motion to the end of the contractually agreed term. The notice period shall be abortered to air (6) weeks in case TUV Rheinland is prevented from performing the proposition of the contractivity of the contract

16.2

17.2.

within the scope of a certification procedure and the certificate therefore has to be withdrawn (for oxemple during the performance of monitoring audiols). Clause 163 applies accordingly.

Force Majeure

\*\*Force Majeure\*\*

Hardship
The Parties are bound to perform their contractual duties even if events have rendered performance more onerous than could reasonably have been anticipated at the time of the conclusion of the

(b)

18.3.

more onerous than could reasonably have been anticipated at the time of the conclusion of the Contract.

Companyage of the file clause, where a Party proves that:

The continued performance of its contractual distins has become excessively control. The continued performance of its contractual distins has become excessively control. The continued performance of its contractual extensionably near worked within it could not reasonably have evided or overcome the event or its consequences, the Parties are bound, within a reasonable time of the invocation of this Clause, to negotiate alternative contractual terms which neasonably allow to evenome the excessiveness of the event. Where Clause 18.2 applies, but where the Parties have been unable to agree alternative contractual terms as provided in that paragraph, the Parties have been unable to agree alternative contractual terms as provided in that paragraph, the Parties have been unable to agree alternative contractual terms as provided in that paragraph, the Party invoking this Clause is entitled to agree alternative contractual terms of the contractual ter Partial invalidity, written form, place of jurisdiction and dispute resolution

Partial invalidity, written form, place of jurisdiction and dispute resolution.

All amendments and supplements must be in writing in order to be effective. This also applies to amendments and supplement must be in writing in order to be effective. This also applies to amendments and supplements to this clause 17.1.

Should one or several of the provisions under the contract and/or these terms and conditions be or become ineffective, the contracting parties shall replace he invalid provision with a legally valid provision that provision in the commercial terms and conditions shall be chosen following the rules as below:

If TUV Rheinland in question is legally registered and existing in the People's Republic of China, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the least of the People's Republic of China.

For the provision of the People's Republic of China.

ITUV Rheinland in question is legally registered and existing in Talwan, the contracting parameterly agree that the contract and these terms and conditions shall be governed by the laws of Talwan.

ITUV Rheinland in question is legally registered and existing in Hong Kong, the contracting it TUV Rheinland is the contract and these terms and conditions shall be governed by the laws of Hong Kong.

Any dispute in connection with the contract and these terms and conditions or the execution thereof shall be settled friendly through negotiations.

Unless otherwise stepulated in the contract, if no settlement or no agreement in respect of the Unless otherwise stepulated in the contract, and the contract of the stepulate of the contract, the dispute shall be submitted in the case of TUV Rheinland in question being legally registered and existing in the People's Republic of China, to China thermational Economic and Trade Arbitration Commission (CET AG) to be satisfied by arbitration under the Arbitration Russ of CETAC in lock when the arbitration is being. Shangkai, Shanthen or Changeing as appropriately chosen by the claiming party, in the case of TUV Rheinland to ingestion being legally registered and existing in Talwan, to Chinese Arbitration Association. Taple to be arbitrated in accordance with its then current Rules in the case of TUV Rheinland to large legally registered and existing in Talwan, to Chinese Arbitration Shangeign and the state of the Russ of the Case of TUV Rheinland to large legally registered and existing in Talwan, to Chinese Arbitration Association. Taple to be arbitrated in accordance with its then current Rules in force when the Notice of Arbitration is submitted in Carodinace with the Arbitration Caronic in force when the Notice of Arbitration is submitted in Caronic Russ of Russing in Talwan, to Chinese Arbitration of the Internation Shall take place in Hong Kong.



Test Report SL52405299851801TX Date:May 20,2024 Page 1 of 4

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 (COSMO -200 poly/viscose/spandex 32S+40D\*150D+40D

TWILL 2/1 Color: Caramel #23-28 Order XM-24-084-WWP)

Sample Color : (A)Caramel #23-28

Retest : No

Proposed Care Instruction:

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

Sample Receiving Date : May 15, 2024

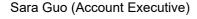
Testing Period : May 15, 2024 - May 20, 2024

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).

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd





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**Test Report** SL52405299851801TX Date:May 20,2024 Page 2 of 4

Test Result

### **Dimensional Stability To Washing**

(ISO 3759:2011/ISO 5077:2007/ISO 6330:2021; Using horizontal axis, front-loading type machine; Procedure No.4N, Machine Wash At 40°C; with 2.0±0.2kg total dry mass (Type III (100% Polyester) Ballast+ Specimen) and 20±1 g ECE reference detergent 98 without optical brightener, Tumble Dry Low, Not Exceeding 60°C, Warm Iron)

#### After 5 Washes

-	Unit	Α
Lengthwise	%	-1.2
Widthwise	%	-0.6

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

### **Colour Fastness To Washing**

(ISO 105-C06:2010;Test No.:A2S, Machine wash at 40°C with 4g/L ECE (B) and 1g/L Sodium Perborate with 10 Steel Balls, Not adjusted)

-	Unit	Α
Change in Shade	Grade	4-5
Staining On Multi-fibre Stripe		
Acetate	Grade	3-4
Cotton	Grade	4-5
Polyamide	Grade	3-4
Polyester	Grade	4
Acrylic	Grade	4-5
Wool	Grade	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.

中国・上海・徐汇区宜山路889号3号楼 邮编: 200233



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**Test Report** 

SL52405299851801TX

Date:May 20,2024 Page 3 of 4

#### **Pilling Resistance**

(ISO 12945-2:2000; Martindale Abrasion & Pilling Tester, Total load applied 415g)

#### As Received

After 125 Revolutions	1.1	_
- Pilling Rating	Unit -	<b>A</b> 4
After 500 Revolutions - Pilling Rating	Unit -	<b>A</b> 4
After 1000 Revolutions - Pilling Rating	Unit -	<b>A</b> 3-4
After 2000 Revolutions - Pilling Rating	Unit -	<b>A</b> 3
After 5000 Revolutions - Pilling Rating	Unit -	<b>A</b> 2-3
After 7000 Revolutions - Pilling Rating	Unit -	<b>A</b> 2-3

Remarks: Pilling Rating

- 5 No change
- 4 Slight change fuzzing and/or partially formed pills
- 3 Moderate change fuzzing and/or moderate pilling, pills of varying size and density partially covering the specimen surface
- 2 Distinct surface fuzzying and/or distinct pilling, pills of varying size and density covering a large proportion of the specimen surface
- Dense surface fuzzing and/or severe pilling, pills of varying size and density covering the whole of the specimen surface



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**Test Report** 

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



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# **TEST REPORT**

2023EP4679

DATE OF RECEPTION

Date Format: dd/MM/yyyy 11/12/2023

**DATE TESTS** 

Starting: 13/12/2023 Ending: 09/01/2024 **APPLICANT** 

XM TEXTILES POLSKA SP. Z O. O. 16 WOLNOŚCIOWA PL-95-200 Pabianice Poland

Att. Irina Danilova

#### **IDENTIFICATION AND DESCRIPTION OF SAMPLES**

Reference by AITEX	Reference by customer	AITEX sample description
2023EP4679-S01	COSMO-200	Woven fabric

#### **TESTS CARRIED OUT**

- PRE-TREATMENT FOR DOMESTIC WASHING AND DRYING PROCEDURES FOR TEXTILE TESTING.
- DETERMINATION OF BREAKING STRENGTH AND ELONGATION.
- DETERMINATION OF TEAR RESISTANCE.
- DETERMINATION OF DIMENSIONAL CHANGE IN WASHING AND DRYING.
- ABRASION RESISTANCE.
- COLOUR FASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING.
- COLOUR FASTNESS TO PERSPIRATION.
- COLOUR FASTNESS TO RUBBING.
- COLOUR FASTNESS TO LIGHT.
- DETERMINATION OF FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING.





### **DESCRIPTION OF SAMPLES**



Reference by AITEX: 2023EP4679-S01

Reference by customer:

COSMO-200

AITEX sample description:

Dark navy woven fabric.

Information supplied by the customer

Fabric ref. COSMO-200 Weight 200 GSM Color Dark Navy #22-07 Others (if any) 542

## Composition provided by the customer:

67%Polyester/27%Viscose/6%Spandex, Twill 2/1

AITEX Subsamples	Subsample Description
2023EP4679-S01_P1	Woven fabric - AFTER WASH 5 cycles

# PRE-TREATMENT FOR DOMESTIC WASHING AND DRYING PROCEDURES FOR TEXTILE TESTING

Standard

EN ISO 6330:2021

**Test date** 

**Start date** 03/01/2024 **End date** 04/01/2024

Washing procedure

6N

Washing temperature

60°C

Washing cycles

5

**Dryer type** 

James Heal

**Drying procedure** 

F (type A1 tumble drying)

**Drying temperature** 

70°C

Washing powder

Reference detergent 3

Reference

2023EP4679-S01

Units	Dry mass of the samples(Kg)	Counterweight mass Kg Kg	Counterweight type	Equipment
1	0.05	1.95	Type III / Type III	WASCATOR

Reference	Description
2023EP4679-S01	COSMO-200

### **DETERMINATION OF BREAKING STRENGTH AND ELONGATION**

**Standard** 

EN ISO 13934-1:2013

**Equipment** 

**INSTRON Dynamometer** 

**Conditioned date** 

**Start date** 13/12/2023 **End date** 2/1/2024

**Test date** 

Start date13/12/2023End date02/01/2024Gauge lengthPretensionGauge speed

 Warp: 200 mm
 Warp: 0.5 N
 Warp: 100 mm/min

 Weft: 200 mm
 Weft: 0.5 N
 Weft: 100 mm/min

Atmosphere for conditioning

Temperature  $(20 \pm 2)$  °C Relative Humidity  $(65 \pm 4)$  %

Number of test specimens per material to be tested

Tested 5 Rejected 0

State of the specimens

Conditioned

Reference

2023EP4679-S01

Direction	Maximum force (N)	Medium strength	C.V.	Elongation to the maximum load(%)	Average elongation	C.V.
	1000			51		
10/0 000	1000			52		
Warp	990	1000	1,9	50,5	51,5	1
	1000			51,5		
	1000			51		
	960			67,5		
10/-54	970			69,5		
Weft	990	970 1,2	1,2	68,5	68	1,7
	990		68			
	960		67			

### Uncertainty

 $\pm\ 5\%$  assay value of the measured

Reference	Description
2023EP4679-S01	COSMO-200

### **DETERMINATION OF TEAR RESISTANCE**

Standard

EN ISO 13937-2:2000

**Equipment** 

**INSTRON** Dynamometer

**Test date** 

**Start date** 13/12/2023 **End date** 02/01/2024

**Conditioned date** 

**Start date** 13/12/2023 **End date** 2/1/2024

**Atmosphere for conditioning** 

Temperature  $(20 \pm 2)$  °C Relative Humidity  $(65 \pm 4)$  %

Number of test specimens per material to be tested

Tested 5 Rejected 0

Reference

2023EP4679-S01

Tear	Specimen (N)	Average load	Classification value (N)	C.V.
	39.5			
10/	42.1			
Warp	40.9	41		2,8
	40.9		39.5	
	39.5			39.5
	57.8			
<b>NA</b>	64.6	57		
Weft	50.4			10,1
	56.5			
	56.2			

### Uncertainty

±3.9% assay value of the measured

Reference	Description
2023EP4679-S01	COSMO-200

# **DETERMINATION OF DIMENSIONAL CHANGE IN WASHING AND DRYING**

Standard

EN ISO 5077:2008

Preparation, marking and measuring of fabric specimens according to EN ISO 3759:2011

Start date

13/12/2023

**End date** 

04/01/2024

Washing cycles

5

Uncertainty

± 0.4 %

Reference

2023EP4679-S01\_P1

Specimen	Direction	Dimensional change (%)
	WARP	-3.0
1		-1.0
•	WEFT	

Reference	Description
2023EP4679-S01_P1	Woven fabric - AFTER WASH 5 cycles

### **ABRASION RESISTANCE**

Standard

EN ISO 12947-2:2016

**Equipment** 

Martindale Abrasimeter

Test date

**Start date** 13/12/2023 **End date** 09/01/2024

**Conditioned date** 

**Start date** 13/12/2023 **End date** 9/1/2023

Atmosphere for conditioning

Temperature  $(20 \pm 2)$  °C Relative Humidity  $(65 \pm 4)$  %

**Abrasive Material** 

Rubbing against SM-25 abradant fabric

**Test pressure** 

12 KPa

**End point** 

Two broken threads

#### Reference

2023EP4679-S01

Specimen	Nº of cycles
1	80000
2	80000
3	80000
Lowest individual result	80000

Reference	Description
2023EP4679-S01	COSMO-200

# **COLOUR FASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING**

Standard

EN ISO 105-C06:2010

**Test date** 

**Start date** 03/01/2024 **End date** 03/01/2024

**Equipment** 

Gyrowash

Test number

C<sub>1</sub>M

**Temperature** 

(60)°C

Steel balls

50

# Washing powder

Standardized ECE soap reference without optical or chemical whitener

### Reference

2023EP4679-S01

Change in colour	Staining	
5	Polyester 4	Viscose 4-5

Reference	Description
2023EP4679-S01	COSMO-200

# **COLOUR FASTNESS TO PERSPIRATION**

Standard

EN ISO 105-E04:2013

**Equipment** 

Perspirometer

**Test date** 

**Start date** 02/01/2024 **End date** 02/01/2024

Alkaline solution

Reference	Staining ratio		Change in colour
2023EP4679- S01	Polyester	Viscose	
	4-5	4-5	5

### **Acid Solution**

Reference	Stainin	Change in colour	
2023EP4679- S01	Polyester Viscose		
	4-5	4-5	5

Reference	Description
2023EP4679-S01	COSMO-200

### **COLOUR FASTNESS TO RUBBING**

Standard

EN ISO 105-X12:2016

**Equipment** 

Crockmeter

Test date

**Start date** 13/12/2023 **End date** 02/01/2024

**Atmosphere for conditioning** 

Temperature  $(20 \pm 2)$  °C Relative Humidity  $(65 \pm 2)$  %

**Conditioning time** 

> 4 H

Pin

Cylindrical

**Applied force** 

 $(9 \pm 0,2) N$ 

Reference	Direction	Dry staining	Wet Staining
	Warp	4-5	2-3
2023EP4679-S01		4-5	2-3
2023EF4079-301	Weft		

Reference	Description
2023EP4679-S01	COSMO-200

### **COLOUR FASTNESS TO LIGHT**

**Standard** 

EN ISO 105-B02:2014

**Equipment** 

Xenotest 440 02423E06

**Test date** 

**Start date** 15/12/2023 **End date** 29/12/2023

**Exposure conditions** 

Normal

**Evaluation conditions** 

Iluminant D65 (Daylight)

Reference

2023EP4679-S01

Light fastness
6

#### Note

The fastness grade indicated comes up to:

Depth change: More clearHue change: No notes

- Brightness change: No notes

Reference	Description
2023EP4679-S01	COSMO-200

# DETERMINATION OF FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING

**Standard** 

EN ISO 12945-2:2020

**Apparatus** 

**Conditioning date** 13/12/2023 **Test date** 02/01/2024

Type of fabric Woven fabric

Atmosphere for conditioning and testing

Temperature (20±2) °C Relative humidity (65±4) %

N° of specimens 3 Number of observers 3

Testing pressure Woven presure 415±2 g Testing conditions Fabric vs fabric

Reference

2023EP4679-S01

Pilling degree

Cycles	Specimen 1	Specimen 2	Specimen 3	Average
125	5	5	5	5
500	4-5	4-5	4-5	4-5
1000	4-5	4-5	4-5	4-5
2000	4	4	4	4
5000	3-4	3-4	3-4	3-4
7000	3-4	3-4	3-4	3-4

### **Fuzzing degree**

Cycles	Specimen 1	Specimen 2	Specimen 3	Average
125	4-5	4-5	4-5	4-5
500	4-5	4-5	4-5	4-5
1000	4	4	4	4
2000	4	4	4	4
5000	4	4	4	4
7000	4	4	4	4

#### Remark

Due to the kind of no felting tissue, value of matting has not been considered.

TABLE 1 - CLASSIFICATION SCHEME PILLING		
CLASS	DESCRIPTION	
5	No change	
4	Slight surface pilling. Partially formed pills	
3	Moderate pillings: Pills of carying size and density partially covering the specimen surface	
2	Distinct pilling: Pills of varying size and density covering a large proportion of the specimen	
1	Severe pilling: Pills of varying and density covering the whole of the specimen surface	

TABLE 2 - CLASSIFICATION SCHEME FUZZING		
CLASS	DESCRIPTION	
5	No change	
4	Slight surface fuzzing	
3	Moderate surface fuzzing	
2	Distinct surface fuzzing	
1	Dense surface fuzzing	

Reference	Description
2023EP4679-S01	COSMO-200

### MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE

VALUE	MEANING
5	VERY GOOD - EXCELLENT
4	GOOD
3	FAIR - MODERATE
2	POOR - BEHAVIOUR
1	VERY POOR

# Lucia Martinez Head of PPE and Ballistics department



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- 8.- AITEX may include in its reports, analyses, results, etc., any other evaluation which it considers necessary, even when it has not been specifically requested.
- 9.- When a Declaration of Conformity is requested, if not indicated otherwise, the decision rule according to ILAC-G8: 2009 will be applied with a security zone of 1U and a Probability of False Acceptance <2.5%.
- 10.- The uncertainties of tests, which are made explicit in the Results Report, have been estimated for a k = 2 (95% probability of coverage). If not informed, they are available to the client in AITEX.
- 11. The original materials and rests of samples, not subject to test, will be retained in AITEX during the twelve months following the issuance of the report, so that any check or claim which, in his case, wanted to make the applicant, should be exercised within the period indicated.
- 12.- This report may only be sent or delivered by hand to the applicant or to a person duly authorised by the same.
- 13.- The results of the tests and the statement of compliance with the specification in this report refer only to the test sample as it has been analyzed / tested and not the sample / item which has taken the test sample.
- 14.- The client must attend at all times, to the dates of the realization of the tests.
- 15.- According to Resolution EA (33) 31, the test reports must include the unique identification of the sample, and any brand or label of the manufacturer may be added. It is not allowed to re-issue test reports of untested sample names (references), they can only be re-issued for error correction or inclusion of omitted data that were already available at the time of the test. The laboratory can not assume responsibility for declaring that the product with the new trade name / trademark is strictly identical to the one originally tested; This responsibility belongs to the client.
- 16.- This report may not be partially reproduced without the written approval of the issuing laboratory.
- 17.- The tests have been carried out at the Alcoy plant with the address described on the first page of the report, unless another location is indicated in the results sheet of the specific test.



Page 1 of 5

Report No.: 244462041a 001

Client: SHANGHAI XM GROUP LTD

Contact Information: Office 2403, 24th Floor, Zhongyi International Commercial Plaza, 1833

Zhongshan North Road, Shanghai, China,,,Hong Kong

Contact Person: Jing wang

#### Sample Description as Declared:

No. Of Sample : One (1)

Fibre Content : 67% polyester,27% viscose,6% spandex

Material : (COSMO-200,67% polyester,27% viscose,6% spandex,Order: XMT-22-216

-HHT-LT)

Order : XMT-22-216-HHT-LT

Colour : Black#1

Applicant's Provided Care Instruction/Label:











Sample obtaining method: Sending by customer

**Condition at delivery:** Test item complete and undamaged.

Sample Receiving date: 2022-11-14

**Testing Period:** 2022-11-14 to 2022-11-17

Place of testing: Textiles laboratory Shanghai

For and on behalf of TÜV Rheinland (Shanghai) Co., Ltd.

2022-11-18 Carmen Yan / Department Manager

Date Name / Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

Decision Rule" document announced in our website (https://www.tuv.com/landingpage/en/qm-gcn/) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.



Page 2 of 5

# Summary of Test Result(s):

Test parameter	Result	Failed Material No.
Dimensional Change To Washing	No Comment	-
Colour Fastness To Rubbing	No Comment	-
Colour Fastness To Washing	No Comment	-

### **Material List:**

Material No.	Material	Color	Location
M001	Textile	Black	Woven fabric



Page 3 of 5

### 1. Dimensional Change To Washing

Test method : ISO 3759:2011 / ISO 6330:2021 / ISO 5077:2007

Apparatus : Front-loading horizontal rotating drum type

Test condition : Washing programme 4N, at 40°C, with 20g Non-phosphate detergent 3, 2kg

loading, tumble dry - delicate

M001 Requirement

After five washes

Warp -1.5% Weft -0.5% -

Remark: (+) = Extension

(-) = Shrinkage

#### 2.Colour Fastness To Rubbing

Test method : ISO 105-X12:2016

	<u>M001</u>	Requirement
<u>Dry</u>		-
- Length	4	
- Width	4	
Wet		-
- Length	3	
- Width	3	



Page 4 of 5

### 3. Colour Fastness To Washing

Test method : ISO 105-C06:2010

Test condition : A2S, 30 min mechanical wash at 40°C in 0.4% ECE reference detergent with

phosphates and 0.1% sodium perborate with 10 steel balls

	<u>M001</u>	<u>Requirement</u>
Colour change	4	-
Colour staining		-
- Acetate	3	
- Cotton	4	
- Polyamide	3	
- Polyester	3-4	
- Acrylic	4-5	
- Wool	3-4	



Page 5 of 5

### Sample Photo



- END -



#### General Terms and Conditions of Business of TÜV Rheinland in Greater China

These General Terms and Conditions of Business of TÜV Rheinland in Greater China ("GTCB") is made between the client and one or more member entities of TÜV Rheinland in Greater China as applicable as the case may be ("TÜV Rheinland"). The Greater China have forester china have who concludes the contract not for the purpose of a daily use; the incorporated or unincorporated entity duly organized, validly existing and capable to form legally binding contracts under the applicable law. The following terms and conditions apply to agreed services including consultancy services, information, deliveries and similar services as well as an artillary services and other secondary have serviced the contract of th

1.3

surgescurs provised winn the scope of contract performance. Any standard terms and conditions of the client of any statute shall not apply and shall hereby be expressly and conditions of the client of any statute shall not apply and shall hereby be the client of the client of the client shall form part of in the contract of an originity business relationship with the client, this CTBS shall also apply to future contracts with the client without TUV Rheinland having to refer to them separately in each individual case.

Unless otherwise agreed, all quotations submitted by TÜV Rheinland can be changed by TÜV Rheinland without notice prior to its acceptance and confirmation by the other party.

#### Coming into effect and duration of contracts

The contract shall come into effect for the agreed terms upon the quotation letter of TÜV Rheinland or a separate contractual document being signed by both contracting parties, or upon Rheinland or a separate contractual document being signed by both contracting parties, or upon Rheinland without receiving a quotation from TÜV Rheinland (quotation), TÜV Rheinland is in its soile discretion, enterfield to accept the order by giving written notice of such acceptance (including notice sent via effectivoir means) or by performing the requested services. The contract lare material sport her comprise the contract in accordance with article 3.1 and shall continue for the term agreed in the contract. It is contract term will be extended by if the contract produce for an extension of the contract term, the contract term will be extended by notice prior to the end of the contractual term. 3.1

Scope of services

The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland shall be written confirmation of ode by TÜV Rheinland shall be sourced in TÜV Rheinland shall be the written confirmation of ode by TÜV Rheinland shall be the service description (e.g. checking the correctness and functionality of parts, products, processes, installations, organizations not listed in the service description, as well as the intended use and application of auch) are not owed. In particular, no responsibility is assumed for the orphit, urities this is expressly stated in the order.

The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered inthe off to description, in its sold description, the method and nature of the assessment unless otherwise agreed in writing or if mandatory provisions require a specific procedure to be followed.

sment unless otherwise suprecent mining and the top top top the top to followed.

excution of the work there shall be no simultaneous assumption of any guarantee of the trees (proper quality) and working order of either tested or examined parts nor of the chress (proper quality) and working order of either tested or examined parts nor of the fallation as a whole and its upstream and/or downstream processes, organisations, use and fallation as a whole in accordance with regulations, nor of the systems on which the installation is based, or a construction of the proper of

with regulatoris, unless tiesed releasons are level present yourset or yet included. In the case of insepection work, TOV Rheinland shall not be responsible for the accuracy or checking of the safety programmes or safety regulations on which the inspections are based, it is not to the contract of the safety programmes for the agreed sarvice scope change after conclusion of the contract, with a written notice to the client, TOV Rheinland shall be entitled to additional remuneration for resulting additional expenses, served occlusionly with the central programmes and the contract of third parties with the services of TOV Rheinland as well as making available of and justifying ordindence in the work results (seat reports, test results, expert programmes) and part of the agreed services. This also applies if the client passes on work results - in a full or in samulation and are sufficiently in the contract with TOV Rheinland as well as making available of and justifying ordindence in the work work classes 11.4.

or and justifying confidence in the work results (test reports, test results, expert reports, etc.) is not until or his not roll the agreed services. This side applies if the client passes on work results - in hill or in The client understands and agrees that in order to perform the contract with TUV Reinland, the client may need to sign one or more contractal agreements with amore third party(es) and establish legal relationships with that those third party(es) according to such certain the contractal party of the contractal provided by the contractal party of the contractal

5.3

Performance periods/dates of performance are based on estimates of the work involved which are prepared in line with the details provided by the client. They shall only be binding flowing confirmed as binding by TUV Rheinland in writing. It is involved to the client of the provided performance have been agreed, these periods shall not commence until the Arclines 5.1 and 5.2 also apply, even without express approval by the client, to all extensions of agreed periods/dates of performance not caused by TUV Rheinland. TUV Rheinlands in our responsible for a delay in performance, in particular if the client has not particular, has not provided TUV Rheinland or adely in performance. In particular, has not provided TUV Rheinland with all documents and information required for the performance of the service as specified in the contract.

If the performance of truth Rheinland with all documents and information required for the performance of the service as specified in the contract.

If the performance of truth Rheinland is delived due to unforesseable circumstances such as force majore, affiliars, business distriptions, preventmental regulations, transport obtacles, etc., TUV at least to the duration of the hindrance plus any time period which may be required to resume performance. 5.6

performance. If the client is obliged to comply with legal, officially prescribed and/or by the accreditor prescribed deadlines, it is the client's responsibility to agree on performance dates with TUV Rhentland, which enable the client to comply with the legal and/or officially prescribed deadlines. TUV within specifically stating that ensuring the deadlines is the contractual obligation of TUV Rhentland.

### The client's obligation to cooperate

The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and at no cost to TÜV Rheinland.

Design documents, supplies, auxiliary staff, etc. necessary for performance of the services shall be made available free of charge by the client. Moreover, collaborative action of the client must be undertaken in accordance with legal provisions, standards, safety regulations and accident prevention instructions. And the client represents and warrants that:

It has required statutory qualifications;

It doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China.

If the client breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/order without prior notice; and ii) withdraw the issued testing report/certificates if any.

It he scope of performance is not laid down in writing when the order is placed, invoicing shall be based on costs actually incurred. If no price is agreed in writing, invoicing shall be made in accordance with the price last of TVD Rheinland wild at the time of performance. Unless otherwise agreed, work shall be invoiced according to the progress of the work. If he execution of an order extends over more than one month and the value of the contract or the agreed fixed price exceeds £2,500.00 or equivalent value in local currency. TÜV Rheinland may demand payment on account or in instaliments.

8.3

Payment terms

All invoice amounts shall be due for payment within 30 days of the invoice date without deduction in receipt of the invoice. No discounts and rebates shall be granted. In receipt of the invoice, not expected the properties of the payment of the p 8.4

ses in which the commencement of insolvency proceedings has been dismissed due to lack of

ons to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of

Objections to the invoices of TUV Knewnerus aprecipations are receiped of the invoices of TUV Knewnerus aprecipation and the control of the invoices. TUV Kneinland shall be entitled to demand set less eat the beginning of a month if overheads and/or purchase costs have increased. In this case, TUV Kneinland shall notify the client in writing of the rise in fees. This notification shall be issued one morth prior to the date on which the rise in fees shall come into effect (period of notice of changes in fees). If the rise in fees remains under 5% exceeds 5% per contractual very the client shall be entitled to beminate the contract by the end of the period of notice of changes in fees, if the contract is not terminated, the changed fees shall be deemed to have been agreed upon by the time of the expiry of the notice period. Only legally established and undisputed claims may be offset against claims by TÜV Rheinland. TÜV Rheinland shall have the right at all times to setoff any amount due or payable by the client, including but not limited to setoff against any fees paid by the client under any contracts, agreement and/or orders/quotations reached with TÜV Rheinland.

Any part of the work result ordered which is complete in itself may be presented by TÜV Rheinland for acceptance as an instalment. The client shall be obliged to accept it immediately. If acceptance is required or contractually agreed in an individual case, this shall be deemed to have basen place leve (2) weeks after competent and hardwork or of the work, unless that have been with the princh stalling at least one fundamental breach of contract by TÜV. Rheinland or contract by TÜV.

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is not entitled to refuse acceptance due to insignificant breach of contract by TÜV

Rheidrad.

If acceptance is excluded according to the nature of the work performance of TÜV Rheinland, he completion of the work shall take its place.

During the Follow-Audit stage, if the client was unable to make use of the time windows provided for within the scope of a certification procedure for auditing/performance by TÜV Rheinland and the certificate is therefore to be withdraw (e.g. performance of surrellinear equality, or if the client cancels or postpones a confirmed audit date within two (2) weeks before the agreed date, TÜV Rheinland is entitled to immediately chaige a fump—sum compensation of 10% of the coder the confirmance of the complex of t

Rheinland has incurred no damage whatsoever or only a cursorenauy www. www.np.
londar as the client has undertaken in the contract to accept services, TUV Rheinland shall also
be entitled to Antege lump-sum damages in the amount of 10% of the order amount as
compensation for expenses if the service is not called within one year after the order has been
placed. The client reserves the right to prove that the TUV Rheinland has incurred no damage
whatsoever or only a considerably lower damage than the above mentioned lump sum.

Confidentiality

For the purpose of these terms and conditions, "confidential information" means all know-how, trade secrets, documents, images, drawings, expentise, information, dats, test resulfs, reports, rade secrets, documents, images, drawings, expentise, information, dats, test resulfs, reports, rade secrets, documents, images, drawings, expentise, information, dats, test resulfs, resports, rade and result of the control of the co

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the receiving party afready possessed this information prior to disclosure by the disclosing party, the the receiving party developed it itself, irrespective of disclosure by the disclosing party, shall not be deemed to constitute 'confidential information' as defined in this confidentially clause. All confidential information shall remain the property of the disclosing party. The receiving party hereby agrees to immediately (i) return all confidential information, including all copies, to the disclosing party, and/or (ii) or nequeste by the disclosing party. The receiving party hereby agrees to immediately (i) return all confidential information, including all copies, to the disclosing party in writing, at any time if so requised by the disclosing party but at the latest and without special request after termination or expiry of the contract. This does not extend to include reports and certificates prepared for the client solely for the purpose of hillling the obligations under the contract, which shall remains with the client. However, TOV Rheinland is entitled to make preparing these reports and certificates in order to evidence the correctness of its results and for general documentation purposes required by laws, regulations and the requirements of working procedures of TOV Rheinland.

#### Copyrights and rights of use, publications

10.6

10.7

Copyrights and rights of use, publications
TÜV Rheinand shall retain all exclusive copyrights in the reports, expert reports/ciprions, test reports/re

on of work results.

Any publication or duplication of the work results for advertising purposes or any further use of the work results beyond the scope regulated in clause 11.2, and any guidation of the introduction of Besides, the client resurses that the afforced use shall comply with relevant applicable less, regulations and relevant rules (including but not limited to specific applicable testing and certification rules, recules a crose joint approval according to clause 11.5 at any line without TV Phinistand may recule a crose join approval according to clause 11.5 at any line without TV Phinistand rules are consistent of the work results immediately at his own expense and, as far as possible, to windraw publications. The consent of TVV Rheinland to publication or duplication of the work results does not entitle the client to use the corporate logo, corporate design or testification and of TVV Rheinland.

Liability of TÜV Rheinland

Trespective of the signal brain, in the fullest extent permitted by applicable law, in the over of a breach of a contractual abdigations or toot, the liability of TÜV Rheinland for all damages, losses and reimburnement of expenses and the contractual abdigations or toot, the liability of TÜV Rheinland for all damages, losses and reimburnement of expenses and the limited to; (i) in the case of a contract with a fixed overall lee, three times the overall feet for the entire contract, (ii) in the case of a contract with a fixed overall lee, three times the overall feet for the entire contract, (ii) in the case of a contract with a fixed overall lee, three times the overall feet for the entire contract, (iii) in the case of a framework agreement that provides for the possibility of placing individual orders, three times of the feet for the individual order under which the damages or losses have occurred, according to the freedom provisions exceeds 2.5 Million Euro or equivalented manual from the contract of the con

breach (researche) retreached versions and the personnel made available by the client to support TUV Rheinland in the personnel made available by the client to support TUV Rheinland in the performance of its services under the contract, unless such personnel made available is regarded as vicarious agent of TUV Rheinland ITUV Rheinland is not liable for the acts of the personnel made available by the client under the foregoing provision, the client shall indemently TUV Rheinland against any clients made by third prices arising from a Client shall indemently TUV Rheinland against any clients made by their other astings from a Client shall indement the Client shall be client to the Client shall be client shall be client to the Client shall be client s 12.5

When passing on the services provided by TÜV Rheinland or parts thereof to third parties in Greater China or other regions, the client must comply with the respectively applicable regulations of national and infermional export control law. When the provise that there are no obstacles to performance do a contract with the client is subject to the provise that there are no obstacles to performance due to national or international foreign trade legislations or embarges and/or sanctions, in the event of a violation, TÜV thereinand shall be entitled to terminate the contract with immediate effect and the client shall compensate for the losses incord freed by TÜV.

Data protection notice

The client understands and agrees that TUV Rheinland processes personal data (including but not initiated to personal information) of the client and its related parties (including but not limited to personal information) of the client and its related parties (including but not limited to the supplier of the client) for the purpose of fulfilling this contract. The client confirms that it has process the personal data that the client confirms that it has process the personal data that the client collected or processed by tested and transferred to TUV Rheinland. For certain services, we may also process sensitive personal data. TUV Rheinland will use and process the data in accordance with the relevant legal basis. If any personal data has to be disclosed or transferred to any third party or any overseas party outside of the district in which the data is accordance with the privacy and personal data security related laws and regulations in China and the local country. TUV Rheinland will take measures to avoid any leadings, abuse, manipulation, diamage or unauthorized access of personal data. The personal data will be detend the following injection, right of processing limitation, right of objection, right of destination, right of processing limitation, right of objection, right of destination data by TUV Rheinland as the personal data by TUV Rheinland as the personal data typication data by TUV Rheinland as the protection distance that the distance of the processing of personal data by TUV Rheinland by e-mail at distance to the full transfer and the following address: TUV Rheinland Aby e-mail at distance to the full transfer and the following address: TUV Rheinland Aby e-mail at protection Officer of TUV.

Retention of test material and documentation

The test samples submitted by the client to TÜV Rheinland for testing will be scrapped following testing or will be returned to the client at the client's expense. The only exceptions are test samples, which are placed in storage on the basis of statutory regulations or of another samples, which are placed in storage on the basis of statutory regulations or of another client in the second second of the client in the properties of the client in the state and the samples are standing a test sample into storage will be disclosed to the client in the quotation. If reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference sensities of charge. If the client, in response to such a request, its recognition and popularity damage resulting from the respective testing and certification that is brought forward by the client against TÜV Rheinland shall be voided.

The retention period for the documentation shall be 10 (ten) years after the expiry of the test mark certification or shall meet the applicable legal requirements for EUEC certificatios of conformity.

The costs of the handower and dispatch of the test samples for storage on the client's permises are borne by the client. TUV Rheinland will be islable for the loss of test samples or reference samples from the laboratories or warehouses of TÜV Rheinrand only in case of gross negligence.

15.4

Termination of the contract

Neveltistanding clause 3.3 of the GTCB, TUV Rheinland and the client are entitled to terminate the contract in its entirety or, in the case of services combined in one contract, each of the combined parts of the contract individually and independently of the continuation of the remaining encices with six (6) months motion to the end of the contractually agreed term. The notice period shall be abortered to air (6) weeks in case TUV Rheinland is prevented from performing the proposition of the contractivity of the contract

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within the scope of a certification procedure and the certificate therefore has to be withdrawn (for oxemple during the performance of monitoring audiols). Clause 163 applies accordingly.

Force Majeure

\*\*Force Majeure\*\*

Hardship
The Parties are bound to perform their contractual duties even if events have rendered performance more onerous than could reasonably have been anticipated at the time of the conclusion of the

(b)

more onerous than could reasonably have been anticipated at the time of the conclusion of the Contract.

Companyage of the file clause, where a Party proves that:

The continued performance of its contractual distins has become excessively control. The continued performance of its contractual distins has become excessively control. The continued performance of its contractual extensionably near worked within it could not reasonably have evided or overcome the event or its consequences, the Parties are bound, within a reasonable time of the invocation of this Clause, to negotiate alternative contractual terms which neasonably allow to evenome the excessiveness of the event. Where Clause 18.2 applies, but where the Parties have been unable to agree alternative contractual terms as provided in that paragraph, the Parties have been unable to agree alternative contractual terms as provided in that paragraph, the Parties have been unable to agree alternative contractual terms as provided in that paragraph, the Party invoking this Clause is entitled to agree alternative contractual terms of the contractual ter 18.3.

#### Partial invalidity, written form, place of jurisdiction and dispute resolution

Partial invalidity, written form, place of jurisdiction and dispute resolution.

All amendments and supplements must be in writing in order to be effective. This also applies to amendments and supplement must be in writing in order to be effective. This also applies to amendments and supplements to this clause 17.1.

Should one or several of the provisions under the contract and/or these terms and conditions be or become ineffective, the contracting parties shall replace he invalid provision with a legally valid provision that provision in the commercial terms and conditions shall be chosen following the rules as below:

If TUV Rheinland in question is legally registered and existing in the People's Republic of China, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the least of the People's Republic of China.

For the provision of the People's Republic of China.

ITUV Rheinland in question is legally registered and existing in Talwan, the contracting parameterly agree that the contract and these terms and conditions shall be governed by the laws of Talwan.

ITUV Rheinland in question is legally registered and existing in Hong Kong, the contracting it TUV Rheinland is the contract and these terms and conditions shall be governed by the laws of Hong Kong.

Any dispute in connection with the contract and these terms and conditions or the execution thereof shall be settled friendly through negotiations.

Unless otherwise stepulated in the contract, if no settlement or no agreement in respect of the Unless otherwise stepulated in the contract, and the contract of the stepulate of the contract, the dispute shall be submitted in the case of TUV Rheinland in question being legally registered and existing in the People's Republic of China, to China thermational Economic and Trade Arbitration Commission (CET AG) to be satisfied by arbitration under the Arbitration Russ of CETAC in lock when the arbitration is being. Shangkai, Shanthen or Changeing as appropriately chosen by the claiming party, in the case of TUV Rheinland to ingestion being legally registered and existing in Talwan, to Chinese Arbitration Association. Taple to be arbitrated in accordance with its then current Rules in the case of TUV Rheinland to large legally registered and existing in Talwan, to Chinese Arbitration Shangeign and the state of the Russ of the Case of TUV Rheinland to large legally registered and existing in Talwan, to Chinese Arbitration Association. Taple to be arbitrated in accordance with its then current Rules in force when the Notice of Arbitration is submitted in Carodinace with the Arbitration Caronic in force when the Notice of Arbitration is submitted in Caronic Russ of Russing in Talwan, to Chinese Arbitration of the Internation Shall take place in Hong Kong.



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\*

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✓ OEKO-TEX\* Terms of Use (ToU)

Matz Bachmann

Managing Director

Dijana Ajdilovic

**Ecology Team Leader**