TRECK S.A
SANTA ROSA 5220 CL-8960025 SAN JOAQUIN SANTIAGO DE CHILE CL

THIS REPORT SUPERSEDES TEST REPORT NO.SL52405250257501TX DATE: 2024-01-09 ISSUED BY SGS (Shanghai), ORIGINAL REPORT IS INVALID FROM TODAY. UPDATED CLIENT INFORMATION AND SAMPLE INFORMATION.

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

Sample Description	:	(A)Bonded fabric (4 way ripstop elastic Chaqueta Absolute Zero Wind Pro Azul) (B)Bonded fabric (plain fabric Chaqueta Absolute Zero Wind Pro Azul)
Sample Color	:	(A)black;(B)black
Composition	:	(A)92% polyester 8% spandex;(B)100%polyester
Style No.	:	06-02-106
Proposed Care Instruction	:	
Test Performed	:	Selected test(s) as requested by applicant
Sample Receiving Date	:	Jan 02, 2024
Testing Period	:	Jan 04, 2024 - Jan 09, 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

Sara Guo (Account Executive)

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Test Result

Protective Clothing - Protection Against Rain
EN 343:2019

Clause 4.2 & 5.2 Resistance to Water Penetration after Washing of Material

(EN ISO 811:2018;Hydrostatic Head; Rate of increase of water pressure: 980+50Pa/min, temp. of distilled water: 20°C, Face Side Facing Water)

A

After 5 Washes	No. 1	No. 2	No. 3	No. 4	Minimum
Water Column(Pa)	>13000	>13000	>13000	>13000	>13000

B

After 5 Washes	No. 1	No. 2	No. 3	No. 4	Minimum
Water Column(Pa)	>13000	>13000	>13000	>13000	>13000

Recommended Class: Sample A/B: Class 3
Remark:1) Washing procedure: ISO 6330:2021:Using horizontal axis, front-loading type machine; Procedure No.4N, Machine Wash At 40°C; with 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
2) Material after pretreatment: Class 1: no test required; Class 2: Wp>=8000Pa; Class 3: Wp>=13000Pa; Class 4: Wp>=20000Pa

Clause 4.3 Water Vapour Resistance

(EN ISO 11092:2014;Test Conditions:
1. Air temperature: 35.0±0.1°C
2. Relative humidity: 40±3%
3. Air speed: 1.0±0.05 m/s
4. Temperature of hotplate: 35.0±0.1°C
5. Orientation of test specimen: Specimens lied flat across the measurement unit with the side normally facing the human body towards the measuring unit. Fabric back side (skin contact side) is in contact with hotplate.)

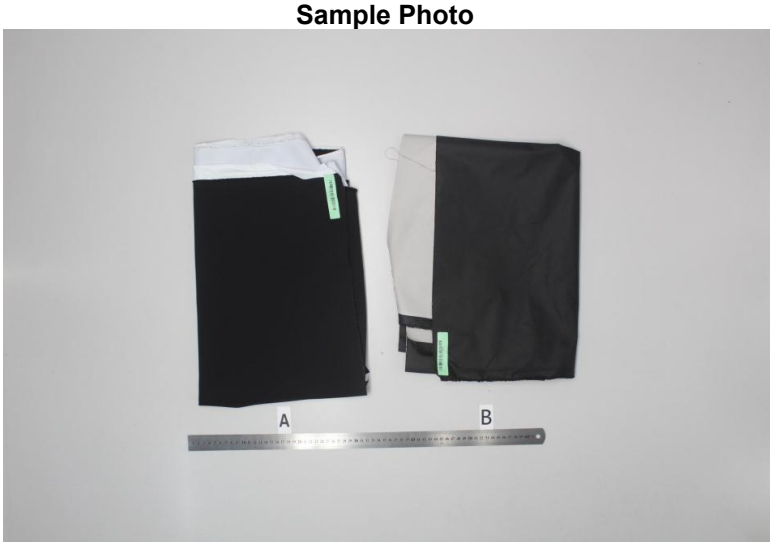
-	Unit	**A**	**B**
Mean. Water-vapour Resistance (Ret)	$m^2 \cdot Pa/W$	5.38	21.9

Recommended Class：Sample A:Class 4; Sample B: Class 3
Remark:
1. Water-vapour resistance R_{et}, a quantity specific to textile materials or composites, determines the latent evaporative heat flux across a given area in response to a steady applied water-vapour pressure gradient.
2. The evaporative heat flux may consist of both diffusive and conductive components.
3. The lower the evaporative resistance, the easier the water vapour transmission and more comfortable the clothing should be to wear.
4.Classification: Class 1:>40m^2.Pa/W; Class 2: 25<R_{et}<=40m^2.Pa/W; Class 3: 15<R_{et}<=25m^2.Pa/W; Class 4: <=15m^2.Pa/W

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. Softline Laboratory

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3rd Building,No.889,Yishan Road,Xuhui District Shanghai,China 200233 t (86-21) 61402666 f (86-21) 64958763 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 sgs.china@sgs.com
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Sample Photo



End of Report

Scan to see the report

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3rd Building,No.889,Yishan Road,Xuhui District Shanghai,China 200233 t (86-21) 61402666 f (86-21) 64958763 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 sgs.china@sgs.com