

Test Report

SL52215302558301TX

Date: August 23, 2022

Page 1 of 5

BRBEN TEKSTIL SAN VE TIC AS
2.OSB 83207 NOLU CD NO 2/10 SEHITKAMIL GAZIANTEP TURKEY

**THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SL52215301496201TX DATE: 2022-08-19
ISSUED BY SGS (Shanghai), ORIGINAL REPORT WILL BE INVALID FROM TODAY.
UPDATED SAMPLE INFORMATION.**

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

Sample Description : (A)Protective clothing

Sample Color : (A)white

Style No. : BR1FM-27

Proposed Care Instruction : -

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

Sample Receiving Date : Aug 05, 2022

Testing Period : Aug 08, 2022 - Aug 19, 2022

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).

Comment

	EN ISO 13982-1:2004+A1:2010 (Type 5)
Whole Suits Testing	Pass

Remark: Pass = Meet Relative Standard Requirement

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd

Sara Guo (Account Executive)

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Test Result

Personal Protective Equipment - Protective Clothing for Use against Solid Particulates - Part 1: (Type 5)

EN ISO 13982-1:2004/A1:2010

Clause 4.3 Performance Requirements for Whole Suits-Types 5 (Inward Leakage Test)

(EN ISO 13982-1:2004/A1:2010, 4.3; General design: Type 5 clothing is of the “full-body” type, i.e. it provides protection to at least the trunk, arms and legs, and consists of a one-piece coverall or a two-piece suits. Head protection, e.g. a hood with visor, and/or foot protection may be worn additionally.)

A	Unit	Test subject 1-Suit 1	Test subject 1-Suit 2	Test subject 2-Suit 1	Test subject 2-Suit 2
<u>As Received</u>					
Assessment after Movements	No Unit	Pass	Pass	Pass	Pass
Lij11	%	3.7	3.4	3.3	3.4
Lij12	%	3.6	3.6	3.6	4.1
Lij13	%	3.4	3.8	3.4	3.5
Lij21	%	3.9	4.5	4.2	3.9
Lij22	%	3.7	4.1	3.7	4.5
Lij23	%	3.9	4.4	4.3	4.5
Lij31	%	4.6	4.3	4.2	4.8
Lij32	%	4.5	4.9	4.1	4.6
Lij33	%	4.6	5.0	4.3	4.3
Lsij	%	4.0	4.2	3.9	4.2

A	Unit	Test subject 3-Suit 1	Test subject 3-Suit 2	Test subject 4-Suit 1	Test subject 4-Suit 2
<u>As Received</u>					
Assessment after Movements	No Unit	Pass	Pass	Pass	Pass
Lij11	%	4.0	3.4	3.4	3.6
Lij12	%	3.4	4.2	4.2	3.3
Lij13	%	3.3	3.9	4.1	3.5
Lij21	%	4.0	4.3	4.1	4.2
Lij22	%	4.1	3.6	4.5	3.9
Lij23	%	4.4	3.8	4.1	3.6
Lij31	%	4.0	5.0	4.4	4.2
Lij32	%	4.8	4.3	4.8	4.9
Lij33	%	5.0	4.7	4.1	4.3
Lsij	%	4.1	4.2	4.2	4.0

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A	Unit	Test subject 5-Suit 1	Test subject 5-Suit 2
<u>As Received</u>			
Assessment after Movements	No Unit	Pass	Pass
Lij11	%	3.7	3.7
Lij12	%	4.0	3.9
Lij13	%	4.0	3.9
Lij21	%	4.4	3.9
Lij22	%	4.5	3.7
Lij23	%	3.6	3.8
Lij31	%	4.9	4.4
Lij32	%	4.4	4.9
Lij33	%	4.2	4.8
Lsij	%	4.2	4.1

Conclusion: Ljmn,82/90: Pass LS,8/10 : Pass

Underwear: cotton long trousers and a T-shirt with long sleeves

Test chamber: Temperature: (20±5) °C , RH: <60%

Suit size:L

Body dimension of tested subject 1- Height: 178 cm, Chest girth: 105 cm;

Body dimension of tested subject 2- Height: 178 cm, Chest girth: 102 cm;

Body dimension of tested subject 3- Height: 180 cm, Chest girth: 105 cm;

Body dimension of tested subject 4- Height: 181 cm, Chest girth: 108 cm;

Body dimension of tested subject 5- Height: 182 cm, Chest girth: 106 cm;

Remark:

1. Prior to testing each suit in accordance with EN ISO 13982-2, a sequence of three movements shall be carried out by a human test subject. The test shall comprise three repetitions of the "three movements" sequence. If the test subject is not able to perform one or several movements due to the hindrance of the suit or if the movements result in substantial damage to the suit, the suit shall be considered to have failed.
2. When tested accordance with EN ISO 13982-2, the type 5 protective clothing shall be characterized by the following parameters:

Ljmn,82/90: the inward leakage value, expressed in percent, corresponding to the 82nd L value of 90, i.e., the inward leakage values measured over all exercises, all sampling positions, all suits and sorted in ascending order;

LS,8/10 : the "total inward leakage per suit" value, corresponding to the 8th Ls value of 10, i.e., the Ls values of all suits sorted in ascending order.

Type 5 chemical protective clothing shall meet at least the following requirements:

Ljmn,82/90 ≤30% ;

LS,8/10 ≤15%

3. Lijmn: inward leakage for a given test subject(i), suit(j), exercise(m) and sampling position(n).

Exercise(m): 1-standing still, 2-walking, 3-squatting

Sample position(n): 1-knee, 2-waist back, 3-chest

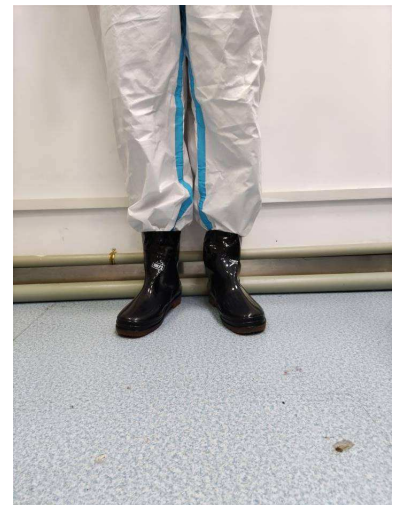


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Full dressed wearer for whole suit performance testing



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Sample Photo



Face

Back

Product information is provided by applicant without verification or authentication of the brand.

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report

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