

SHANGHAI SHUOTE NONWOVENS CO., LTD

NO.8399 TINGFENG ROAD, FENGJING INDUSTRIAL PARK, JINSHAN DISTRICT, SHANGHAI

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

Sample Description : (A)Mock up with white filling

Buyer : G-III-SELF TESTING

Style No. : K3-4

Color : Black

Fiber Content : 100%Polyester

Proposed Care Instruction : -

Sample Receiving Date : Dec 09, 2022

Testing Period : Dec 09, 2022 - Dec 13, 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).

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

Conclusion	A	Remark
Thermal Resistance of Batting/Fabric Systems	See Results	

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

Wendy Wei

Wendy Wei (Account Executive)

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Test Result

Thermal Resistance of Batting/Fabric Systems

(ASTM D1518-14; Option 1.

Test condition:

- 1) Air temperature for bare plate test: $20 \pm 0.1^\circ\text{C}$;
- 2) Air temperature for specimen test: $15 \pm 0.1^\circ\text{C}$;
- 3) Relative humidity: $65 \pm 4\%$ R.H.;
- 4) Temperature of hot plate: $35 \pm 0.5^\circ\text{C}$;
- 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 hot plate.)

As Received

	Unit	A	Requirement
Average Intrinsic Thermal Resistance of The Sample, If	clo	2.58	-

Remark:

1. Thermal resistance, I_f , a quantity specific to textile materials or composites, determines the dry heat flux across a given area in response to a steady applied temperature gradient.
2. The dry heat flux may consist of one or more conductive, convective and radiant components.
3. The higher the thermal resistance of the fabric, the better the warm keeping performance it has.
4. $1\text{clo} = 0.155 \text{ K.m}^2/\text{W}$.

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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