

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

Sample Description : (A)Cool knit fabric

SGS Internal Ref.No. : SHHL2401004533FT

Sample Color : (A)Light green

Proposed Care Instruction : -

Sample Receiving Date : Jan 25, 2024

Testing Period : Jan 25, 2024 - Jan 30, 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).

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

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

Alice Wang

Alice Wang (Authorized Signatory)



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Test Result

Coolness Test

(Q-max; Test Procedure:

A heated plate (warmer than the specimen by ΔT) is pressed on the specimen (It simulates the situation when the fabric touches human skin). The peak value of heat transferred, is q-max.

Test Condition:

Temperature: $20 \pm 2^\circ\text{C}$

Relative Humidity: $65\% \pm 4\% \text{RH}$

Test surface: Face Side, $\Delta T = 20^\circ\text{C}$)

A

As Received	No. 1	No. 2	No. 3	No. 4	No. 5	Average
Test Result (W/cm^2)	0.447	0.440	0.447	0.440	0.449	0.445

Remark:

1. W/cm^2 = Watts per square centimeter.

2. Bigger values of q-max are related to feelings of coolness, the higher the q-max value (heat flow), the bigger the cool feeling

Sample Photo



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