



Test Report

No.: SL118102604928TX

Date: Aug 30, 2018

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WEMOVE TECHNOLOGY CO LTD
NO. 487 JIANGHUI ROAD, BUILDING 3 ROOM 2D, BINGJIANG DISTRICT, HANGZHOU ,China

The following sample was submitted and identified by the client as:

One sample of polyester wadding in color

End Use : Sleep bag
Sample Receiving Date : Aug 24, 2018
Test Performing Period : Aug 25, 2018 – Aug 30, 2018
Test Performed : Selected test(s) as requested by applicant against specified requirement (details please refer to result page(s)).
* * * * *
Test Results : Please refer to the next page(s).

Signed for and on behalf of
SGS Hong Kong Ltd.

Ng Siu Lun, Roy
Assistant Technical Manager

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Test Results :

Thermal Resistance of Batting/Fabric Systems (ASTM D1518-14, Option 1: Still Air Condition)

Test condition of sample : As received

Test climate:

- 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: $65 \pm 4\%$
- 4 Temperature of hot plate: $35.0 \pm 0.1^{\circ}\text{C}$
- 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 hotplate

Test Result

	<u>Specified Requirement</u>
Average Intrinsic thermal resistance of the sample, I_t (clo) :	6.86 /

Remarks :

- 1 Thermal resistance, I_t , 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 No. of specimen tested: 3
- 5 1 clo = $0.155 \text{ m}^2\text{K/W}$

*** End of Report ***

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