

SHANGHAI SHUOTE NONWOVENS CO.,LTD
8399 TINGFENG ROAD, FENGJING TOWN, JINSHAN DISTRICT, SHANGHAI

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

Sample Description : (A)Padding(SORONA ® PADDING:DPH-1(120G))
Sample Color : (A)white
Manufacturer : SHANGHAI SHUOTE NONWOVENS CO.,LTD
Proposed Care Instruction : -
Sample Receiving Date : Mar 02, 2021
Testing Period : Mar 03, 2021 - Mar 09, 2021
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 Testing Center



Hattie Chen (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
Average Intrinsic thermal resistance of the sample, I_f	clo	2.65
Tog		4.10

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. $1\text{clo} = 0.155 \text{ K}\cdot\text{m}^2/\text{W}$.

End of Report



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