

SHANGHAI SHUOTE NONWOVENS CO., LTD
NO.8399 TINGFENG HIGHWAY, FENGJING TOWN, JINSHAN DISTRICT, SHANGHAI, CHINA

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

Sample Description : (A)Wadding 120g/m²

Buyer : O'NEILL EUROPE

Ref. No. : /

Style No. : F-1UF

Order No. : /

Season : /

Supplier : /

Manufacturer : /

O'NEILL Code : /

Country of Origin : -

Country of Destination : -

Color : (A)White

Fiber Content : (A)100% Polyester

End Use : (A)/

Proposed Care Instruction : /

Sample Receiving Date : Jun 08, 2023

Testing Period : Jun 08, 2023 - Jun 13, 2023

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



Sammi Song (Account Executive)



Test Result

Thermal Resistance of Batting/Fabric Systems

(ASTM D1518-14;Option 1.

Test condition:

- 1) Air temperature for bare plate test: 20±0.1°C;
- 2) Air temperature for specimen test: 15±0.1°C;
- 3) Relative humidity: 65±4% R.H.;
- 4) Temperature of hot plate: 35±0.5°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, I _f	clo	2.06	-

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. 1clo=0.155 K.m²/W.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

Sample Photo



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

