

Test Report

Date: October 29, 2020

Page 1 of 2

FUZHOU LUXE GROUP CORPORATION LIMITED
 3RD FLOOR, 2ND BUILDING, BIQUAN INDUSTRY ZONE, NO. 157 JINYAN ROAD, CANGSHAN
 DISTRICT, FUZHOU, FUJIAN, CHINA

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

- Sample Description : (A) Fleece (100% polyester polar fleece 280g/m², brushed both sides)
- Sample Color : (A) yellow
- Composition : (A) 100% polyester
- Style No. : Boing, Warm and Bering
- End Use : (A) adult
- Country of Origin : China
- Country of Destination : EUR

Proposed Care Instruction :



- Sample Receiving Date : Oct 26, 2020
- Testing Period : Oct 26, 2020 - Oct 29, 2020
- 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

Personal Protective Equipment - Protective Clothing – Garments for Protection Against Cool Environments

Conclusion	A	Remark
Clause 4.2 Thermal Resistance	Class 2	
Clause 4.3 Air Permeability	Class 1	

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

Sara Guo (Account Executive)

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Personal Protective Equipment - Protective Clothing – Garments for Protection Against Cool Environments

EN 14058:2017

Clause 4.2 Thermal Resistance

(EN ISO 11092:2014; Test conditions 1. Air temperature: 20.0+/-0.1°C 2. Relative humidity: 65+/-3% 3. Air speed: 1.0+/-0.05 m/s 4. Temperature of hotplate: 35.0+/-0.1°C 5. Orientation of test specimen: Specimens lied fl at 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)

After 5 Washes

	Unit	A
Mean thermal resistance of sample alone (R _{ct})	m ² ·K/W	0.144

Recommended Class: Class 2

Remarks:

1. Thermal resistance R_{ct}, 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. Classification: Class 1: 0.06 ≤ R_{ct} < 0.12
 Class 2: 0.12 ≤ R_{ct} < 0.18
 Class 3: 0.18 ≤ R_{ct} < 0.25
 Class 4: 0.25 ≤ R_{ct}

Wash procedure: ISO 6330:2012: Using horizontal axis, front-loading type machine; Procedure No.4N, Machine Wash At 40°C; with 2kg total dry mass (Type III (10 0% Polyester) Ballast) and 'ECE(A)' detergent+ Sodium Perborate+ TAED, Line Dry

Clause 4.3 Air Permeability

(EN ISO 9237:1995; Test pressure: 100Pa; Test area: 20 cm²)

After 5 Washes

	Unit	A
Air Permeability Average	mm/s	665
CV	%	3.1
Recommended Class	-	1

Remark:

1. Classification: Class 1: AP > 100mm/s
 Class 2: 5mm/s < AP ≤ 100mm/s
 Class 3: AP ≤ 5mm/s

Wash procedure: ISO 6330:2012: Using horizontal axis, front-loading type machine; Procedure No.4N, Machine Wash At 40°C; with 2kg total dry mass (Type III (10 0% Polyester) Ballast) and 'ECE(A)' detergent+ Sodium Perborate+ TAED, Line Dry

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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