

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

Sample Description : (A)Woven fabric (88% nylon , 12% spandex ripstop , 150gsm , UPF50+ , Teflon treatment)(88%Nylon 12%SP 150gsm upf50+ teflon treatment)

Buyer : KUMEN
Sample Color : (A)Navy Blue
End Use : (A)Garment
Order No. : OC 13586
L/C NO. : AF250103est
Destination : Chile
Other Info. : S/C NO:AF250103EST

Proposed Care Instruction : -

Sample Receiving Date : Mar 21, 2025
Testing Period : Mar 21, 2025 - Mar 25, 2025
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
Oil Repellency	See Results	
Test Method for Soil Release: Household Soils	See Results	
Water Repellency(Spray Test)	PASS	

Remark(s) : PASS=Meet General Requirement

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



Alice Wang (Authorized Signatory)



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Test Result

Oil Repellency

(AATCC TM118-2020e; Test Condition:

1. Air temperature: 21±1°C;
2. Relative humidity: 65±2% R.H.;
3. Size of test specimen: 20 cm x 20 cm;
4. Orientation of test specimen: Fabric face side is facing up.)

As Received

	Unit	A	Requirement
Oil Repellency Grade	-	5.0	-

Remark:

1. Standard Test Liquid

Oil Repellency Grade Number Composition

0 None (Fails white mineral oil)

1 White mineral oil

2 65:35 White mineral oil : n-hexadecane by volume

3 n-hexadecane

4 n -tetradecane

5 n -dodecane

6 n -decane

7 n -octane

8 n -heptane

2. Higher the oil repellency grade number, better the oil repellency properties of the fabric.



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Test Method for Soil Release: Household Soils

(AATCC TM215-2023; Machine wash at 80 degree F with 1.8kg total loading (Type 1 ballast + specimen) and 66±1 g 1993 AATCC standard reference detergent, Normal cycle, Tumble Dry Normal.)

As Received

Orange juice

	Unit	A	Requirement
-			
Specimen 1-Rater 1	Grade	4.5	-
Specimen 1-Rater 2	Grade	4.5	-
Specimen 2-Rater 1	Grade	4.5	-
Specimen 2-Rater 2	Grade	4.5	-
Soil Release Rating-Average	Grade	4.5	-

Remark: Class 5—stain equivalent to standard stain 5
 Class 4—stain equivalent to standard stain 4
 Class 3—stain equivalent to standard stain 3
 Class 2—stain equivalent to standard stain 2
 Class 1—stain equivalent to standard stain 1

Note:

(1) Results are reported as a grade from 5 to 1, with 5 representing no residual stain and 1 representing the most residual stain by using Stain Release Replica.

Water Repellency(Spray Test)

(AATCC TM22-2017e; Spray Test - Tested under controlled condition, water temperature: 27±1°C, Face Side Facing Water)

A	No. 1	No. 2	No. 3	Requirement
<u>As Received</u>				
Rating	95	95	95	Min.90

Remarks: Nomenclature for rating:

- 100 (ISO 5) No sticking or wetting of the specimen face
- 90 (ISO 4) Slight random sticking or wetting of the specimen face
- 80 (ISO 3) Wetting of the specimen face at spray points
- 70 (ISO 2) Partial wetting of the specimen face beyond the spray points
- 50 (ISO 1) Complete wetting of the entire specimen face beyond the spray points
- 0 (ISO 0) Complete wetting of entire face



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Sample Photo



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report

