



TEST REPORT

**TO: TAIWAN AXROMA TECHNICAL TEXTILE
CO., LTD.**

LAB NO.: (6223)346-0156
DATE IN: DEC. 12, 2023
DATE OUT: DEC. 21, 2023
MOD. DATE: -
PAGE: 1 OF 4
WORKING DAYS: 7

PURPOSE OF TEST: To evaluate the submitted sample in the test requested by the client only.

OVERALL RATING: DATA

SAMPLE DESCRIPTION:

Item Description:	SOFTSHELL MACKINTOSH® OLEFIN
Style No.:	-
P.O. No.:	-
Sources/Vendor:	-
Manufacturer:	-
Orig. Of Country:	-
Size:	-
Color:	-

COMMENTS:

Please see attached Test Results for detailed test data on all requested test.



SUMMARY OF TEST RESULTS

TEST RESULTS	PASS	FAIL	
WATER REPELLENCY (AATCC 22)			See Test Results
AQUEOUS LIQUID REPELLENCY (AATCC 193)			See Test Results

Remark: BVCPS Contact information for this report.

Technical questions:

Primary Contact: Chad Hsieh, Tel: 886-2-2895-3666#302, email: chad.hsieh@tw.bureauveritas.com

Concerns regarding billing:

Primary Contact: Pearl Lin. Tel: 886-2-2895-3666#309, email: pearl.lin@tw.bureauveritas.com

**BUREAU VERITAS CONSUMER PRODUCTS SERVICES (H.K.) LIMITED,
TAIWAN BRANCH**

**CHAD HSIEH
HARDLINE OPERATION MANAGER**

REMARKS:

1. This report is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our written permission.
2. Our report is limited to the test samples identified herein. The results set forth in this report are not necessarily indicative or representative of the statistical quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted.
3. Our report includes all the tests requested by you and the results thereof. You shall have thirty days from receipt of this report to request additional testing of the samples or to notify us of any errors or omissions relating to our report; provided, however, such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



TEST RESULTS:

Water Repellency (AATCC 22)				
	Prior to Laundering	After Laundering (5 cycles)	After Laundering (10 cycles)	After Laundering (20 cycles)
Sample #1	100	95	90	90
Sample #2	100	95	90	90
Sample #3	95	90	90	90
Average Rating	100	95	90	90

Aqueous Liquid Repellency (AATCC 193)				
	Prior to Laundering	After Laundering (5 cycles)	After Laundering (10 cycles)	After Laundering (20 cycles)
Result	4.5	3.5	3.5	3.5

Remark:

1. Care instruction: Machine wash warm, Gentle cycle, Line to dry.

Laundering- AATCC WASHING:

Undergo three wash/dry cycles as outlined in the AATCC Washing standard. The load of the wash needs to be a 4.00 + 0.25 lb. load. The detergent to be used is Liquid Tide Original (35 grams) per load.

2. AATCC 22 SPRAY RATING (INTERMEDIATE RATING – 95, 85, 75 AND 60 CAN BE USED):

100 – NO STICKING OR WETTING OF THE SPECIMEN FACE

90 – SLIGHT RANDOM STICKING OR WETTING OF THE SPECIMEN FACE

80 – WETTING OF SPECIMEN FACE AT SPRAY POINTS

70 – PARTIAL WETTING OF THE SPECIMEN FACE BEYOND THE SPRAY POINTS

50 – COMPLETE WETTING OF THE ENTIRE SPECIMEN FACE BEYOND THE SPRAY POINTS

0 – COMPLETE WETTING OF THE ENTIRE FACE OF THE SPECIMEN

3.

AATCC AQUEOUS SOLUTION REPELLENCY	COMPOSITION
GRADE NUMBER	
0	NONE (FAILS 98% WATER)
1	98:2/WATER:ISOPROPYL ALCOHOL (VOL:VOL)
2	95:5/WATER:ISOPROPYL ALCOHOL (VOL:VOL)
3	90:10/WATER:ISOPROPYL ALCOHOL (VOL:VOL)
4	80:20/WATER:ISOPROPYL ALCOHOL (VOL:VOL)
5	70:30/WATER:ISOPROPYL ALCOHOL (VOL:VOL)
6	60:40/WATER:ISOPROPYL ALCOHOL (VOL:VOL)
7	50:50/WATER:ISOPROPYL ALCOHOL (VOL:VOL)
8	40:60/WATER:ISOPROPYL ALCOHOL (VOL:VOL)



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