



TEST REPORT

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

LAB NO.: (6221)183-0079
DATE IN: JULY 02, 2021
DATE OUT: JULY 13, 2021
MOD. DATE: -
PAGE: 1 OF 5
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:	21B535 PREMIUM
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	
SEAM SLIPPAGE			See Test Results
BREAKING STRENGTH OF TEXTILE FABRICS: GRAB TEST			See Test Results
Abrasion resistance of textile fabrics			See Test Results
TEARING STRENGTH: TONGUE (SINGLE RIP) PROCEDURE			See Test Results
ABRASION RESISTANCE OF FABRIC: MARTINDALE ABRASION TESTER			See Test Results

Remark: BVCPS Contact information for this report.

Technical questions:

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**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:

STRENGTH/ DURABILITY PROPERTIES	
SEAM SLIPPAGE (SEAM SLIPPAGE FOR UPHOLSTERY FABRIC / ASTM D4034 1-INCH G-E, INSTRON, SPEED 12 IN/MIN, 7.0± 0.5 STITCHES PER INCH)	
WARP(LBS/IN)	SS 40.1/ 84.6 STB
@0.25” YARN SLIPPAGE	
TOTAL SEAM FAILURE	
WEFT(LBS/IN)	SS 46.6/ 80.0 STB
@0.25” YARN SLIPPAGE	
TOTAL SEAM FAILURE	
BIAS 45°(LBS/IN)	NSS/ 149.2 STB
@0.25” YARN SLIPPAGE	
TOTAL SEAM FAILURE	
Remark: STB – Sewing Thread Breakage SS – Seam Slippage NSS- No Seam Slippage	

BREAKING STRENGTH OF TEXTILE FABRICS: GRAB TEST (ASTM D5034-09 (R2017), 1-INCH G-E, INSTRON, SPEED 12 IN/MIN)	
WARP (LBF.)	Over 180
WEFT (LBF.)	Over 180

Evaluation	Citation/method	Criteria	Results
Abrasion resistance of textile fabrics	ASTM D4157-13 (R2017)	Perform the highest cycles. Stop the test until yarn or fabric rupture.	Warp: more than 2 yarns broken after 58,000cycles. Weft: more than 2 yarns broken after 55,000cycles.

TEARING STRENGTH: TONGUE (SINGLE RIP) PROCEDURE (ASTM D2261-13(R2017)E1, INSTRON, CRE, RUBBER COATED CLAMPS)	
WARP (LBS)	84.8
WEFT (LBS)	101.9

ABRASION RESISTANCE OF FABRIC: MARTINDALE ABRASION TESTER (ASTM D4966-12 (R2016), OPTION 1 , STANDARD ABRADANT FABRIC)				
				Average
AVERAGE NUMBER OF RUBS TO RUPTURE	35000	40000	35000	36667



