



**BUREAU  
VERITAS**

# TEST REPORT

Technical Report: (9324)277-0028

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November 22, 2024



Report Number  
(9324)277-0028

C/N

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# TEST REPORT

**BUREAU  
VERITAS**

**TO : MOSAROMA INT'L CO LTD  
7F, BLISSFUL BUILDING  
243-247 DES VOEUX ROAD  
CENTRAL  
HONG KONG ISLAND,  
HONG KONG**

**LAB NO.:** (9324)277-0028  
**FORM NO.:** /  
**DATE IN:** Oct 04, 2024  
**DATE OUT:** Nov 22, 2024  
**NO. OF WORKING DAYS:** /  
**PAGE 2 OF 7**

**ATTN : SHI ,**

<b><u>OVERALL RATING</u></b>	
<b>PASS</b>	_____
<b>FAIL</b>	_____
<b>DATA</b>	_____ <b>X</b> _____

<b>Vendor:</b>	/	<b>Agent:</b>	/
<b>Fabric Supplier/Mill:</b>	/	<b>Factory/Manufacturer:</b>	/
<b>P.O. No.:</b>	/	<b>Style No.:</b>	603.809
<b>Sample Description:</b>	100% POLYPROPYLENE (OLEFIN) ALPINE	<b>Style Description:</b>	/
<b>Color:</b>	DOVE	<b>Country of Origin:</b>	/
<b>Claimed Fabric Weight:</b>	/	<b>Claimed Fabric Count:</b>	/
<b>Yarn Size:</b>	/	<b>Submitted Size:</b>	/
<b>Size Range:</b>	/	<b>FPU No.:</b>	/
<b>GPU No.:</b>	/	<b>End Use:</b>	OUTDOOR CUSHION/PILLOW/UP HOLSTERY
<b>SKU:</b>	/	<b>Age Group:</b>	/

<b>Product Category</b>	FABRIC
<b>Test Requested</b>	SEE TEST PROPERTY
<b>Previous Report No.</b>	(9324)240-0951

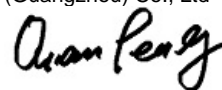
<b>Submitted Fiber Content</b>	100% OLEFIN
<b>Actual Fiber Content</b>	/
<b>Suggested Fiber Content</b>	/
<b>Submitted Care Instruction(s)</b>	
<b>Client Expected Care Instruction</b>	/
<b>Suggested Care Instruction(s)</b>	/

TEST PROPERTY	PASS	FAIL	DATA	COMMENTS
WATER REPELLENCY: SPRAY TEST			X	SEE RESULT
TENSILE PROPERTIES OF FABRICS: GRAB METHOD			X	SEE RESULT
TEAR PROPERTIES OF FABRICS: BALLISTIC PENDULUM METHOD (ELMENDORF)			X	SEE RESULT
SEAM PROPERTIES			X	SEE RESULT
FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING: MODIFIED MARTINDALE METHOD			X	SEE RESULT
ABRASION RESISTANCE OF FABRICS BY MARTINDALE METHOD: SPECIMEN BREAKDOWN			X	SEE RESULT
ANTIBACTERIAL ACTIVITY OF TEXTILE MATERIALS: PARALLEL STREAK			X	SEE RESULT
COLOURFASTNESS TO SEA WATER			X	SEE RESULT
COLOURFASTNESS TO RUBBING			X	SEE RESULT
COLOURFASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING			X	SEE RESULT
COLOURFASTNESS TO CHLORINATED WATER			X	SEE RESULT
COLORFASTNESS TO LIGHT			X	SEE RESULT

**TECHNICAL QUESTIONS** (86)20-22902088  
bvcps\_pyinfo@cn.bureauveritas.com

**GENERAL INFORMATION** (86)20-22902088  
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**SIGNATURES** Bureau Veritas Consumer Products Services  
(Guangzhou) Co., Ltd



Quan Peng  
Operation Manager

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<b><u>WATER REPELLENCY: SPRAY TEST</u></b> (AATCC 22-17)		
AS RECEIVED (RATING)	100	/
SPRAY RATING:		
100 - NO STICKING OR WETTING OF UPPER SURFACE		
90 - SLIGHT RANDOM STICKING OR WETTING OF UPPER SURFACE		
80 - WETTING OF UPPER SURFACE AT SPRAY POINTS		
70 - PARTIAL WETTING OF WHOLE OF UPPER SURFACE		
50 - COMPLETE WETTING OF WHOLE OF UPPER SURFACE		
0 - COMPLETE WETTING OF WHOLE UPPER AND LOWER SURFACE		
<b><u>TENSILE PROPERTIES OF FABRICS: GRAB METHOD</u></b> (BS EN ISO 13934-2:2014)		
WARP (kg)	265.6	/
WEFT (kg)	230.9	/
<b><u>TEAR PROPERTIES OF FABRICS: BALLISTIC PENDULUM METHOD</u></b> <b><u>(ELMENDORF)</u></b> (ISO 13937-1:2000/ BS EN ISO 13937-1:2000)		
ACROSS WARP (gf)	> 10880.0	/
ACROSS WEFT (gf)	> 10880.0	/

**TEST RESULTS**

**TEST PROPERTY**

**REQUIREMENTS**

**SEAM PROPERTIES** (BS EN ISO 13936-1:2004 & BS EN ISO 13935-2:2014,  
AT 6 MM SEAM OPENING)

WARP WAY SEAM - SEAM SLIPPAGE	(GENERAL)		MODE OF FAILURE
Test Data		Requirement	
22.2		/	/
WARP WAY SEAM - SEAM STRENGTH	(GENERAL)		MODE OF FAILURE
Test Data		Requirement	
36.3		/	(D)
WEFT WAY SEAM - SEAM SLIPPAGE	(GENERAL)		MODE OF FAILURE
Test Data		Requirement	
24.4		/	/
WEFT WAY SEAM - SEAM STRENGTH	(GENERAL)		MODE OF FAILURE
Test Data		Requirement	
37.3		/	(D)

<b>* REMARKS</b>	(A) FABRIC TEAR (B) FABRIC TEAR AT THE JAWS (C) FABRIC TEAR AT THE SEAM (D) BREAKAGE OF SEWING THREADS (E) THREAD PULL - OUT (F) ANY COMBINATION OF THESE
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**FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING:**

**MODIFIED MARTINDALE METHOD** (ISO 12945-2:2020 / BS EN ISO 12945-2:2020 / DIN EN ISO 12945-2:2021-04 / NF EN ISO 12945-2:2020, 10000\_RUBS)

GRADE 3-4 /

**PILLING GRADING SCHEME**

GRADE 5	NO CHANGE
GRADE 4	PARTIALLY FORMED PILLS
GRADE 3	MODERATE PILLING
GRADE 2	DISTINCT PILLING
GRADE 1	SEVERE PILLING

C/N

**TEST RESULTS**

**TEST PROPERTY**

**REQUIREMENTS**

**ABRASION RESISTANCE OF FABRICS BY MARTINDALE METHOD: SPECIMEN BREAKDOWN** (ISO 12947-2:2016 / BS EN ISO 12947-2:2016/ DIN EN ISO 12947-2:2017 / NF EN ISO 12947-2:2017, PRESSURE USED: 12 KPA)

LOWEST INDIVIDUAL TEST RESULT > 15000.0 /  
(RUBS)

**ANTIBACTERIAL ACTIVITY OF TEXTILE MATERIALS: PARALLEL STREAK** AATCC TM 147-2011 (2016e)

Test Organism	Observation of Inoculum growth Beneath the specimen	Width of clear zone of inhibition (mm)
Staphylococcus aureus ATCC 6538	Bacterial Growth	0.00
Klebsiella pneumoniae ATCC 4352	Bacterial Growth	0.00

**COLOURFASTNESS TO SEA WATER** (BS EN ISO 105-E02: 2013)

COLOUR CHANGE 4-5  
CROSS STAIN 4-5  
COLOUR STAIN ON  
ACETATE 4-5  
COTTON 4-5  
NYLON 4-5  
POLYESTER 4-5  
ACRYLIC 4-5  
WOOL 4-5

**COLOURFASTNESS TO RUBBING** (BS EN ISO 105-X12:2016)

ORIGINAL  
DRY - LENGTHWISE 4-5  
WET - LENGTHWISE 4-5  
DRY - WIDTHWISE 4-5  
WET - WIDTHWISE 4-5  
  
3W  
DRY - LENGTHWISE 4-5  
WET - LENGTHWISE 4-5  
DRY - WIDTHWISE 4-5  
WET - WIDTHWISE 4-5  
C/N

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<b><u>COLOURFASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING</u></b> (ISO 105-C06:2010, TEST NO: C2S)		
COLOUR CHANGE	4	
SELF - STAINING	4-5	
<u>COLOUR STAIN ON</u>		
ACETATE	4-5	
COTTON	4-5	
POLYAMIDE	4-5	
POLYESTER	4-5	
ACRYLIC	4-5	
WOOL	4-5	
<b><u>COLOURFASTNESS TO CHLORINATED WATER</u></b> (BS EN ISO 105-E03: 2010, 50 mg/l ACTIVE CHLORINE SOLUTION)		
COLOUR CHANGE	3-4	
<b><u>COLOURFASTNESS TO LIGHT</u></b> (AATCC 16.3-20, OPTION 3, WATER COOLED XENON-ARC LAMP, 1000 AFU)		
COLOR CHANGE (800 AFU)	3-4	
COLOR CHANGE (1000 AFU)	3-4	