

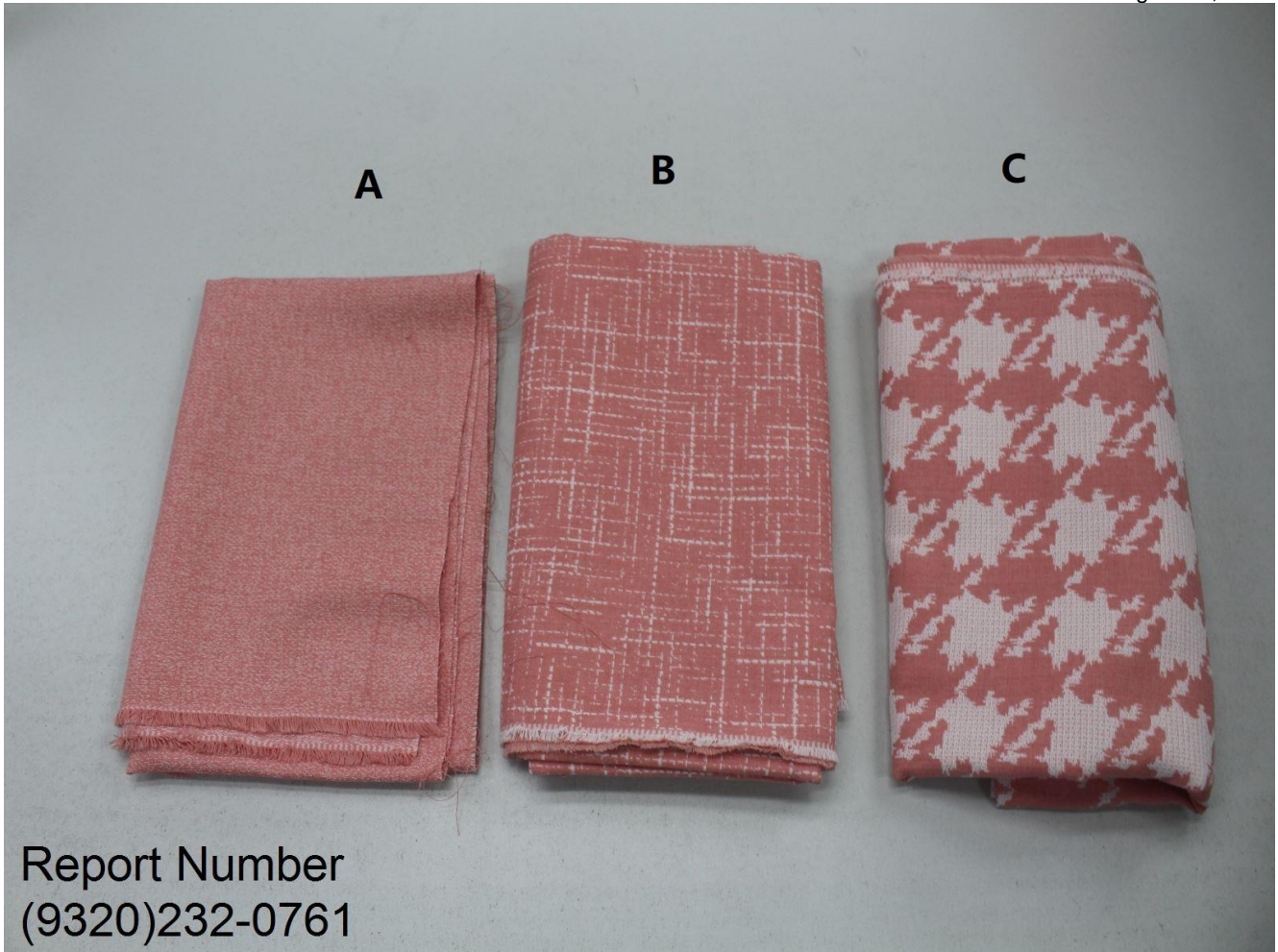


**BUREAU
VERITAS**

TEST REPORT

Technical Report: (9320)232-0761

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August 25, 2020



**Bureau Veritas Consumer Products Services
(Guangzhou) Co., Ltd**
No. 183, Shinan Road, Meilin Plaza, Dongchong, Nansha,
Guangzhou, Guangdong Province, China 511453
Tel: (86) 20 2290 2088 Fax: (86) 20 3490 9303
Email: BVCPS_pyinfo@cn.bureauveritas.com
Website: cps.bureauveritas.com

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**BUREAU
VERITAS**

TEST REPORT

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

LAB NO.: (9320)232-0761
FORM NO.: /
DATE IN: Aug 19, 2020
DATE OUT: Aug 25, 2020
NO. OF WORKING DAYS: 5
PAGE 2 OF 7

ATTN : LEO

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

Vendor:	/	Agent:	/
Fabric Supplier/Mill:	/	Factory/Manufacturer:	/
P.O. No.:	/	Style No.:	13745762/13755722/13755113
Sample Description:	100% SOLUTION- DYED BLEND SPUN (AXVISION)	Style Description:	/
Color:	ORANGE	Country of Origin:	/
Claimed Fabric Weight:	/	Claimed Fabric Count:	/
Yarn Size:	/	Submitted Size:	/
Size Range:	/	FPU No.:	/
GPU No.:	/	End Use:	OUTDOOR CUSHION/ PILLOW/ UPHOLSTERY
SKU:	/	Age Group:	/

Product Category	FABRIC
Test Requested	SEE TEST PROPERTY
Previous Report No.	/

Submitted Fiber Content	100% SOLUTION- DYED BLEND SPUN
Actual Fiber Content	/
Suggested Fiber Content	/
Submitted Care Instruction(s)	/
Client Expected Care Instruction	/
Suggested Care Instruction(s)	/

TEST PROPERTY	PASS	FAIL	DATA	COMMENTS
TEARING STRENGTH: TONGUE (SINGLE RIP) PROCEDURE			X	
RESISTANCE TO YARN SLIPPAGE IN WOVEN UPHOLSTERY FABRICS			X	
PILLING RESISTANCE: MARTINDALE PRESSURE TESTER METHOD			X	
BREAKING STRENGTH OF TEXTILE FABRICS: GRAB TEST	X			
ABRASION RESISTANCE OF FABRIC: MARTINDALE ABRASION TESTER	X			
UV PROTECTIVE PROPERTIES IN TEXTILE FABRICS	X			

TECHNICAL QUESTIONS (86)20-22902088
bvcp_s_pyinfo@cn.bureauveritas.com

GENERAL INFORMATION (86)20-22902088
bvcp_s_pyinfo@cn.bureauveritas.com

SIGNATURES Bureau Veritas Consumer Products Services (Guangzhou) Co., Ltd



Apollo Luo
Senior Manager

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<u>TEARING STRENGTH: TONGUE (SINGLE RIP) PROCEDURE</u> (ASTM D2261-13 (R2017) E1, INSTRON, CRE, RUBBER COATED CLAMPS)		
A		
WARP (LBS.)	36.9	/
WEFT (LBS.)	51.0	/
B		
WARP (LBS.)	33.6	/
WEFT (LBS.)	31.7	/
C		
WARP (LBS.)	33.1	/
WEFT (LBS.)	34.7	/
<u>RESISTANCE TO YARN SLIPPAGE IN WOVEN UPHOLSTERY FABRICS</u> (ASTM D4034)		
A		
SEAM PARALLEL TO WARP - @0.25" YARN SLIPPAGE (LBF.)	NSS	
SEAM PARALLEL TO WARP - SEAM STRENGTH (LBF.)	90.9	
SEAM PARALLEL TO WARP - MODE OF FAILURE (LBF.)	STB	
SEAM PARALLEL TO WEFT - @0.25" YARN SLIPPAGE (LBF.)	NSS	
SEAM PARALLEL TO WEFT - SEAM STRENGTH (LBF.)	78.0	
SEAM PARALLEL TO WEFT - MODE OF FAILURE (LBF.)	STB	
B		
SEAM PARALLEL TO WARP - @0.25" YARN SLIPPAGE (LBF.)	NSS	
SEAM PARALLEL TO WARP - SEAM STRENGTH (LBF.)	79.2	
SEAM PARALLEL TO WARP - MODE OF FAILURE (LBF.)	STB	
SEAM PARALLEL TO WEFT - @0.25" YARN SLIPPAGE (LBF.)	NSS	

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
SEAM PARALLEL TO WEFT - SEAM STRENGTH (LBF.)	78.4	
SEAM PARALLEL TO WEFT - MODE OF FAILURE (LBF.)	STB	
	C	
SEAM PARALLEL TO WARP - @0.25" YARN SLIPPAGE (LBF.)	NSS	
SEAM PARALLEL TO WARP - SEAM STRENGTH (LBF.)	87.6	
SEAM PARALLEL TO WARP - MODE OF FAILURE (LBF.)	STB	
SEAM PARALLEL TO WEFT - @0.25" YARN SLIPPAGE (LBF.)	NSS	
SEAM PARALLEL TO WEFT - SEAM STRENGTH (LBF.)	80.0	
SEAM PARALLEL TO WEFT - MODE OF FAILURE (LBF.)	STB	

PILLING RESISTANCE: MARTINDALE PRESSURE TESTER METHOD (ASTM D4970-16E3, PHOTOGRAPHIC RATING STANDARD AT 10000 MOVEMENTS)

	1	2	3	
A				
PILLING (GRADE)	3.0	3.0	3.0	/
	4		Avg.	
PILLING (GRADE)	3.0		3.0	/
B				
PILLING (GRADE)	3.0	3.0	3.0	/
	4		Avg.	
PILLING (GRADE)	3.0		3.0	/
C				
PILLING (GRADE)	3.0	3.0	3.0	/
	4		Avg.	
PILLING (GRADE)	3.0		3.0	/

TEST RESULTS

TEST PROPERTY

REQUIREMENTS

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

A		
WARP (LBS.)	348.0	MIN. 40.0 LBS.
WEFT (LBS.)	261.5	MIN. 40.0 LBS.
B		
WARP (LBS.)	346.5	MIN. 40.0 LBS.
WEFT (LBS.)	256.1	MIN. 40.0 LBS.
C		
WARP (LBS.)	352.1	MIN. 40.0 LBS.
WEFT (LBS.)	252.0	MIN. 40.0 LBS.

ABRASION RESISTANCE OF FABRIC: MARTINDALE ABRASION TESTER (ASTM D4966-12 (R2016), OPTION 3, STANDARD ABRADANT FABRIC)

A		
END POINT	> 15000.0	MIN. 15000.0 CYCLES
B		
END POINT	> 15000.0	MIN. 15000.0 CYCLES
C		
END POINT	> 15000.0	MIN. 15000.0 CYCLES

UV PROTECTIVE PROPERTIES IN TEXTILE FABRICS (AS/ NZS 4399)

	A	B	C	
<u>PARAMETER:</u>				
MEAN ULTRAVIOLET PROTECTION FACTOR (UPF)	1410	800	752	
UV - A TRANSMITTANCE (%) (MEAN)	0.134	0.191	0.203	
UV - B TRANSMITTANCE (%) (MEAN)	0.0380	0.0930	0.0960	
RATED UPF	1410	800	752	
UPF RATINGS	>50	>50	>50	50+
PROTECTION CATEGORY	EXCELLENT	EXCELLENT	EXCELLENT	

*** REMARKS:**

UPF RANGE	CLASSIFICATION	EFFECTIVE UVR PENETRATION, LESS THAN OR EQUAL TO (%)
15 C/N LRB/HSB	MINIMUM	6.7

<u>TEST PROPERTY</u>		<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
30	GOOD	3.3	
50, 50+	EXCELLENT	2.0	