

TEST REPORT

Technical Report: (9320)309-0681 REVISED

Page 1 of 6 November 12, 2020



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TEST REPORT

TO: AXROMA TECHNICAL TEXTILES CO LTD NO.25 YUZHOU(SOUTH) HAIZHOU DEVELOPMENT ZONE LIANYUNGANG, JS, CHINA LAB NO.:

FORM NO.: DATE IN: DATE OUT: REVISED DATE: NO. OF WORKING DAYS: PAGE 2 OF 6 (9320)309-0681 REVISED / Nov 04, 2020 Nov 11, 2020 Nov 12, 2020 /

ATTN : TYPHOON

OVERALL RATING	
PASS FAIL DATA	X

Vendor:	/	Agent:	/
Fabric Supplier/Mill:	1	Factory/Manufacturer:	/
P.O. No.:	/	Style No.:	CARBON 701.805
Sample Description:	100% SOLUTION-DYED OLEFIN	Style Description:	/
Color:	CARBON	Country of Origin:	/
Claimed Fabric Weight:	1	Claimed Fabric Count:	/
Yarn Size:	1	Submitted Size:	/
Size Range:	1	FPU No.:	/
GPU No.:	1	End Use:	CUSHION, PILLOW
SKU:	1	Age Group:	/

Product Category	FABRIC
Test Requested	SEE TEST PROPERTY
Previous Report No.	1

Submitted Fiber	
	100% OLEFIN
Content	
Actual Fiber Content	1
Suggested Fiber	
Content	
Submitted Care	
Instruction(s)	
Client Expected Care	
Instruction	
Suggested Care	
Instruction(s)	

TEST PROPERTY	PASS	FAIL	DATA	COMMENTS
TENSILE PROPERTIES OF FABRICS:	Х			
GRAB METHOD				
TEAR PROPERTIES OF FABRICS:	Х			
BALLISTIC PENDULUM METHOD				
(ELMENDORF)				
SEAM SLIPPAGE			Х	SEE RESULT
FABRIC PROPENSITY TO SURFACE	Х			
FUZZING AND TO PILLING: MODIFIED				
MARTINDALE METHOD				
DETERMINATION OF FABRIC WEIGHT			Х	SEE RESULT
ABRASION RESISTANCE OF FABRICS			Х	SEE RESULT
BY MARTINDALE METHOD:				
SPECIMEN BREAKDOWN				
COLOURFASTNESS TO SEA WATER	Х			
COLOURFASTNESS TO RUBBING	Х			
COLOURFASTNESS TO DOMESTIC	Х			
AND COMMERCIAL LAUNDERING				
COLOURFASTNESS TO	Х			
CHLORINATED WATER				
COLOURFASTNESS TO BLEACHING:				RECOMMENDED
PEROXIDE				
COLOURFASTNESS TO BLEACHING:				NOT RECOMMENDED
HYPOCHLORITE				
COLORFASTNESS TO LIGHT	Х			

TECHNICAL QUESTIONS

GENERAL

INFORMATION

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

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Apollo Luo Senior Manager

TEST PROPERTY	TEST RESULTS	REQUIREMENTS
TENSILE PROPERTIES OF FABRICS: GRAB	METHOD(BS EN ISO 13934-2:	
WARP (N) WEFT (N)	1055.7 1201.8	MIN. 250.0 N MIN. 250.0 N
TEAR PROPERTIES OF FABRICS: BALLISTI (ELMENDORF) (ISO 13937-1:2000)	C PENDULUM METHOD	
ACROSS WARP (N) ACROSS WEFT (N)	108.8 > 106.0	MIN. 20.0 N MIN. 20.0 N
SEAM SLIPPAGE (BS EN ISO 13936-1, AT	4 MM SEAM OPENING)	
WARP WAY SEAM - SEAM SLIPPAGE(N)	329.0	MIN. /
WEFT WAY SEAM - SEAM SLIPPAGE(N)	91.7	MIN. /
FABRIC PROPENSITY TO SURFACE FUZZING MARTINDALE METHOD (BS EN ISO 12945-2)	AND TO PILLING: MODIFIED	<u>)</u>
500 CYCLES AFTER REVOLUTIONS (GRADE)	4-5	/
2000 CYCLES AFTER REVOLUTIONS (GRADE)	4-5	/
5000 CYCLES AFTER REVOLUTIONS (GRADE)	4-5	/
7000 CYCLES AFTER REVOLUTIONS (GRADE)	4-5	/
10000 CYCLES AFTER REVOLUTIONS (GRADE)	4-5	/
15000 CYCLES AFTER REVOLUTIONS (GRADE)	4-5	MIN. GRADE 4-5
PILLING RATING		

 GRADE 5
 NO CHANGE

 GRADE 4
 SLIGHT SURFACE FUZZING AND / OR PARTIALLY FORMED PILLS

 GRADE 3
 MODERATE SURFACE FUZZING AND / OR MODERATE PILLING. PILLS OF VARYING SIZE AND DENSITY PARTIALLY COVERING THE SPECIMEN SURFACE.

 GRADE 2
 DISTINCT SURFACE FUZZING AND / OR DISTINCT PILLING. PILLS OF VARYING SIZE AND DENSITY COVERING A LARGE PROPORTION OF THE SPECIMEN SURFACE.

 GRADE 1
 DENSE SURFACE FUZZING AND / OR SEVERE PILLING. PILLS OF VARYING SIZE AND DENSITY COVERING THE WHOLE OF THE SPECIMEN SURFACE.

C/N

/

	TEST RESULTS	
TEST PROPERTY		REQUIREMENTS
DETERMINATION OF FABRIC WEIGHT (BS EN 1977)	12127: 1998 / ISO 3801	:
G. / SQ. M OZ / SQ. YD	237 6.99	-5 TO +10 % -5 TO +10 % As Claim (N/A)
ABRASION RESISTANCE OF FABRICS BY MA BREAKDOWN (ISO 12947-2:2016)	RTINDALE METHOD: SPECIM	EN
COLOUR CHANGE @10000 CYCLES	4-5	
COLOUR CHANGE @20000 CYCLES	4-5	
COLOUR CHANGE @30000 CYCLES	4-5	
COLOUR CHANGE @40000 CYCLES	4	
COLOUR CHANGE @50000 CYCLES	4	
SPECIMEN WEIGHT (MG) BEFORE ABRASION	275.7	
NO. OF ABRASION CYCLES	50000	
SPECIMEN WEIGHT (MG) AFTER ABRASION	233.6	

42.1

0.08

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

COLOUR CHANGE COLOUR STAIN ON	4-5	MIN. GRADE 4-5
ACETATE	4-5	MIN. GRADE 4-5
COTTON	4-5	MIN. GRADE 4-5
NYLON	4-5	MIN. GRADE 4-5 MIN. GRADE 4-5
	- 0	
POLYESTER	4-5	MIN. GRADE 4-5
ACRYLIC	4-5	MIN. GRADE 4-5
WOOL	4-5	MIN. GRADE 4-5

COLOURFASTNESS TO RUBBING (ISO 105-X12:2016)

N. GRA	DE 3-4
N. GRA	DE 4-5
N. GRA	DE 3-4
_	IN. GRA

WEIGHT LOSS(MG) WEAR INDEX(I) %

REQUIREMENTS

COLOURFASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING (ISO 105-

C06:2010,	TEST	NO:	A2S)
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TEST PROPERTY

COLOUR CHANGE COLOUR STAIN ON	4-5	MIN. GRADE 4-5
ACETATE	4-5	MIN. GRADE 4-5
COTTON	4-5	MIN. GRADE 4-5
POLYAMIDE	4-5	MIN. GRADE 4-5
POLYESTER	4-5	MIN. GRADE 4-5
ACRYLIC	4-5	MIN. GRADE 4-5
WOOL	4-5	MIN. GRADE 4-5

COLOURFASTNESS TO CHLORINATED WATER(ISO 105-E03: 2010, 50 mg/l

ACTIVE CHLORINE SOLUTION)

COLOUR CHANGE

4-5

MIN. GRADE 4-5

COLOURFASTNESS TO BLEACHING: PEROXIDE (ISO 105-N02:1993,

BLEACHING BATH 1)

COLOUR CHANGE	4-5	MIN.	GRADE	4-5
COLOUR STAIN ON				
ACETATE	4-5	MIN.	GRADE	4-5
COTTON	4-5	MIN.	GRADE	4-5
NYLON	4-5	MIN.	GRADE	4-5
POLYESTER	4-5	MIN.	GRADE	4-5
ACRYLIC	4-5	MIN.	GRADE	4-5
WOOL	4-5	MIN.	GRADE	4-5

COLOURFASTNESS TO BLEACHING: HYPOCHLORITE (ISO 105-N01:1993)

4

COLOUR CHANGE

MIN. GRADE 4-5

MIN. GRADE 3.0

COLORFASTNESS TO LIGHT (AATCC 16.3-14, OPTION 3, WATER COOLED XENON-ARC LAMP, 80 AFU)

COLOR CHANGE (80 AFU) 4.0

COLOURFASTNESS RATING

- GRADE 5 NEGLIGIBLE OR NO CHANGE OR STAINING GRADE 4 SLIGHTLY CHANGED OR STAINED GRADE4SLIGHTLY CHANGED OR STAINEDGRADE3NOTICEABLY CHANGED OR STAINEDGRADE2CONSIDERABLY CHANGED OR STAINEDGRADE1MUCH CHANGED OR STAINED