



**BUREAU
VERITAS**

TEST REPORT

Technical Report: (7521)329-0154

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March 07, 2022



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TEST REPORT


LAB NO.: (7521)329-0154
FORM NO.: /
DATE IN: Nov 25, 2021
MOD DATE Mar 02, 2022
DATE OUT: Mar 07, 2022
NO. OF WORKING DAYS: 4
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OVERALL RATING

PASS _____ **X**
FAIL _____
DATA _____

Vendor:	SHAOXING KEFEI TEXTILE CO LTD	Agent:	/
Fabric Supplier/Mill:	/	Factory/Manufacturer:	/
P.O. No.:	/	Style No.:	/
Sample Description:	2 PCS OF APRONS AND 2 PCS OF FABRICS	Style Description:	/
Color:	ACTUAL SEE PAGE ONE	Country of Origin:	/
Claimed Fabric Weight:	/	Claimed Fabric Count:	/
Yarn Size:	/	Submitted Size:	/
Size Range:	/	FPU No.:	/
GPU No.:	/	End Use:	/
SKU:	/		

Product Category	OTHER
Test Requested	SELECT TEST
Previous Report No.	/

Submitted Fiber Content	/
Actual Fiber Content	B : 79.3% POLYESTER 20.7% COTTON
Suggested Fiber Content	B : 79% POLYESTER 21% COTTON
Submitted Care Instruction(s)	WASH BY HAND, DO NOT BLEACH, DO NOT INSOLATE 
Client Expected Care Instruction	/
Suggested Care Instruction(s)	/

TEST PROPERTY	PASS	FAIL	DATA	COMMENTS
HAND WASH	X			
FABRIC DEFECTS	X			
FABRIC WEIGHT			X	FOR REFERENCE
FIBER ANALYSIS: QUANTITATIVE			X	
COLORFASTNESS TO WATER	X			
COLORFASTNESS TO LIGHT	X			
COLORFASTNESS TO CROCKING	X			
QUICK METHODS FOR COLORFASTNESS TO NON- CHLORINE BLEACH			X	REC
QUICK METHODS FOR COLORFASTNESS TO CHLORINE BLEACH			X	NOT REC
TEARING STRENGTH: ELMENDORF APPARATUS	X			
BREAKING STRENGTH OF TEXTILE FABRICS: GRAB TEST	X			
POCKET REINFORCEMENT	X			
SOIL RELEASE: OILY STAIN RELEASE METHOD			X	

Remark: BVCPS (Shaoxing) contact information for this report

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BUREAU VERITAS
CONSUMER PRODUCTS SERVICES (SHAOXING)

Chasel Chen

Chasel Chen
Operation Assistant Manager

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<u>SOIL RELEASE: OILY STAIN RELEASE METHOD</u> (AATCC 130-18t)		
B		
ORIGINAL	4.5	/
AFTER 3 WASHES	3.0	/
AFTER 5 WASHES	3.0	/
<u>TEARING STRENGTH: ELMENDORF APPARATUS</u> (ASTM D1424-09 (R2019))		
B		
WARP (LBS.)	7.7	MIN. 4.0 LBS.
WEFT (LBS.)	6.4	MIN. 4.0 LBS.
<u>BREAKING STRENGTH OF TEXTILE FABRICS: GRAB TEST</u> (ASTM D5034-09 (R2017), 1-INCH G-E, INSTRON, SPEED 12 IN/MIN)		
A		
LENGTH (LBS.)	233.0	MIN. 40.0 LBS.
WIDTH (LBS.)	143.1	MIN. 40.0 LBS.
<u>POCKET REINFORCEMENT</u> (ASTM D7506/D7506M-17 / AATCC/ ASTM TS-010/ ASTM D5034 MODIFIED)		
A		
	SEAM STRENGTH (LBS.)	MODE OF FAILURE
	Test Data	Requirement
POCKET	53.1	15.0 FRS
REMARKS: STB - SEWING THREAD BREAKAGE FRS - FABRIC RUPTURE AT SEAM FR - FABRIC RUPTURE AT PLACES OTHER THAN JAW OR AT SEAM		
<u>HAND WASH</u> (CPSD-SL-31042-MTHD)		
B		
MODIFIED, WOOLITE DETERGENT, HAND 3 WASHES, 3 DRY, AT 27 DEGREE CELSIUS (80 FAHRENHEIT TEMP), LINE DRY		
GARMENT	ORIGINAL (IN.)	AFTER WASHED (IN.)
TOTAL LENGTH'	10.00	10.00
TOTAL WIDTH'	10.00	10.00
		SHRINKAGE (%)
		0.0
		0.0
(+) DENOTES ELONGATION		(-) SHRINKAGE
<u>FABRIC DEFECTS</u> (ASTM D3990-12 (R2020))		
B		
TYPE OF DEFECTS	NO MAJOR DEFECTS	NO MAJOR DEFECTS
		DEFECTS

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<u>FABRIC WEIGHT</u> (ASTM D3776-20, OPTION C)		
A ONLY FOR JUDGEMENT		
OZ / SQ. YD	7.37	-5 TO +10 %
G. / SQ. M	250	-5 TO +10 % As Claim (N/A)
B		
ONLY FOR JUDGEMENT .		
OZ / SQ. YD	7.02	-5 TO +10 %
G. / SQ. M	238	-5 TO +10 % As Claim (N/A)
<u>FIBER ANALYSIS: QUANTITATIVE</u> (AATCC 20A-18, USING MECHANICAL SEPARATION METHOD/ CHEMICAL TEST METHOD/ MICROSCOPICAL ANALYSIS METHOD, ASTM D1909 MOISTURE REGAINS APPLIED)		
B		
SUBMITTED	/	
LAB ANALYSIS	79.3% POLYESTER 20.7% COTTON	<= +/- 3.0 %
REMARKS: THE LABELED FIBER CONTENT FOR THE SUBMITTED SAMPLE IS RECOMMENDED AS	79% POLYESTER 21% COTTON	
<u>COLORFASTNESS TO WATER</u> (AATCC 107-13, MULTIFIBERS NO. 10)		
A		
COLOR CHANGE	4.5	MIN. GRADE 4.0
<u>COLOR STAIN ON</u>		
ACETATE	4.0	MIN. GRADE 3.0
COTTON	4.5	MIN. GRADE 3.0
NYLON	4.0	MIN. GRADE 3.0
POLYESTER	4.5	MIN. GRADE 3.0
ACRYLIC	4.5	MIN. GRADE 3.0
WOOL	4.5	MIN. GRADE 3.0
<u>COLORFASTNESS TO LIGHT</u> (AATCC 16.3-20, OPTION 3, WATER COOLED XENON-ARC LAMP, 20 AFU)		
A		
COLOR CHANGE (20 AFU)	4.0	MIN. GRADE 4.0
<u>COLORFASTNESS TO CROCKING</u> (AATCC 8-16)		
A		
DRY (COLOR STAIN)	4.0	MIN. GRADE 3.5
WET (COLOR STAIN)	3.0	MIN. GRADE 2.5

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<u>QUICK METHODS FOR COLORFASTNESS TO NON-CHLORINE BLEACH</u> (AATCC/ASTM TS-001)		
	A	
COLOR CHANGE (PEROXIDE)	4.5	MIN. GRADE 4.0
COLOR CHANGE (PERCARBONATE)	4.5	MIN. GRADE 4.0
<u>QUICK METHODS FOR COLORFASTNESS TO CHLORINE BLEACH</u> (AATCC/ ASTM TS-001)		
	A	
COLOR CHANGE	1.5*	MIN. GRADE 4.0

COLORFASTNESS RATING
COLOR CHANGE

- 5 NEGLIGIBLE OR NO CHANGE
- 4 SLIGHTLY CHANGED
- 3 NOTICEABLY CHANGED
- 2 CONSIDERABLY CHANGED
- 1 MUCH CHANGED

COLORFASTNESS RATING
COLOR STAIN
SELF STAINING

- 5 NEGLIGIBLE OR NO STAINING
- 4 SLIGHTLY STAINED
- 3 NOTICEABLY STAINED
- 2 CONSIDERABLY STAINED
- 1 HEAVILY STAINED