

BRISBANE MOSS

M Chapman & Sons Textiles Ltd
Chapman Works
Manchester Road
Dunnockshaw
Burnley
Lancashire
United Kingdom
BB11 5PW

Tel: 01706 815121 sales@chapmangroup.co.uk www.chapmangroup.co.uk

Tel: 01706 815121 sales@brisbanemoss.co.uk www.brisbanemoss.co.uk

Technical Document	Article-	W	ordswort/	h	Re	lease Date-	01 October 2025
Description- Half Pana	ma			Compos	sition-	100% Cot	ton
Applications- Apparel				•		····	
Weight (g/m2)		215				UNI 5114	
Weight Linear (g/m)	***************************************	323	***************************************	***************************************			
Warp Yarn per Inch	brancoquates (1000 to 1000 to 1	96				UNI EN 104	19/2
Weft Yarn per Inch		72					
Warp Yarn Count	***************************************	2/40s			***************************************	ISO 7211/5	
Weft Yarn Count	***************************************	2/40s					
Minimum Usable Width		146cm				UNI EN 17	73
Customs Tariff Code (HS)		52093100					
County of Origin		Turkey					
Yarn Origin		USA/Turke	ey				
Weaving Origin		Turkey					
Dyeing/Finishing Origin		Turkey					
Sample/Bulk Leadtime (Weeks)	Variation-10-14-14-14-14-14-14-14-14-14-14-14-14-14-	Stock Supp	ported				
Manufacturing Features-			:		***************************************		
Piece Dye	Jig Dyeing	Method		Reactive	Dyestuffs		
Care Instructions-					: :	UNI EN ISC	3758
300	8		*	P			and the second s
Dimensional Stability-		ay away ya san Barawa sana 6 sa	g aan 10 12 14820 Suuraan baarin 11 11 an 14 an 14 an 14 an				
Domestic Washing		Warp	+/- 3%			ISO 6330:2	021
		Weft	+/- 3%				
Steam Ironing			17- 370				
Steam Homing		Warp	+/- 3%			DIN 53894	-2
Steam froming		Warp Weft				DIN 53894	-2
Dry Qeaning		season organization for the season	+/- 3%			DIN 53894 UNI EN ISC	
7		Weft	+/- 3% +/- 3%				
7		Weft Warp	+/- 3% +/- 3% +/- 3%				
Dry Cleaning		Weft Warp	+/- 3% +/- 3% +/- 3%) 3175-2
Dry Cleaning Physical Features-		Weft Warp Weft	+/- 3% +/- 3% +/- 3% +/- 3%			UNI EN ISC) 3175-2
Dry Cleaning Physical Features-		Weft Warp Weft Warp	+/- 3% +/- 3% +/- 3% +/- 3%			UNI EN ISC) 3175-2
Dry Cleaning Physical Features- Tensile Strength		Weft Warp Weft Warp Weft	+/- 3% +/- 3% +/- 3% +/- 3% 430N 310N			UNI EN ISO) 3175-2
Dry Cleaning Physical Features- Tensile Strength Tear Strength		Weft Warp Weft Warp Weft Warp Weft Warp Weft	+/- 3% +/- 3% +/- 3% +/- 3% 430N 310N 12N			UNI EN ISO) 3175-2) 13934-2) 13937-2
Dry Cleaning Physical Features- Tensile Strength		Weft Warp Weft Warp Weft Warp Weft Warp Weft Warp	+/- 3% +/- 3% +/- 3% +/- 3% 430N 310N 12N 14N			UNI EN ISO UNI EN ISO UNI EN ISO) 3175-2) 13934-2) 13937-2
Dry Cleaning Physical Features- Tensile Strength Tear Strength		Weft Warp Weft Warp Weft Warp Weft Warp Weft	+/- 3% +/- 3% +/- 3% +/- 3% 430N 310N 12N 14N >200N >200N	O Rubs		UNI EN ISO UNI EN ISO UNI EN ISO) 3175-2) 13934-2) 13937-2) 13936-1
Dry Cleaning Physical Features- Tensile Strength Tear Strength Seam Slippage (6mm) Abrasion Resistance (9kPa)		Weft Warp Weft Warp Weft Warp Weft Warp Weft Warp Weft Warp Weft Face	+/- 3% +/- 3% +/- 3% +/- 3% 430N 310N 12N 14N >200N			UNI EN ISO UNI EN ISO UNI EN ISO UNI EN ISO) 3175-2) 13934-2) 13937-2) 13936-1) 12947-2
Dry Cleaning Physical Features- Tensile Strength Tear Strength Seam Slippage (6mm)		Weft Warp Weft Warp Weft Warp Weft Warp Weft Face Face	+/- 3% +/- 3% +/- 3% +/- 3% 430N 310N 12N 14N >200N >200N 3/4 @ 5000	O Rubs		UNI EN ISO) 3175-2) 13934-2) 13937-2) 13936-1) 12947-2) 12945-2
Dry Cleaning Physical Features- Tensile Strength Tear Strength Seam Slippage (6mm) Abrasion Resistance (9kPa) Pilling (2000 Revolutions) Martindale		Weft Warp Weft Warp Weft Warp Weft Warp Weft Warp Weft Warp Weft Face	+/- 3% +/- 3% +/- 3% +/- 3% 430N 310N 12N 14N >200N >200N 3/4 @ 5000 4/5 @ 2000	O Rubs		UNI EN ISO UNI EN ISO) 3175-2) 13934-2) 13937-2) 13936-1) 12947-2) 12945-2
Dry Cleaning Physical Features- Tensile Strength Tear Strength Seam Slippage (6mm) Abrasion Resistance (9kPa) Pilling (2000 Revolutions)		Weft Warp Weft Warp Weft Warp Weft Warp Weft Face Face	+/- 3% +/- 3% +/- 3% +/- 3% 430N 310N 12N 14N >200N >200N 3/4 @ 5000 4/5 @ 2000 Grade 3/4	O Rubs		UNI EN ISO UNI EN ISO	0 3175-2 0 13934-2 0 13937-2 0 13936-1 0 12947-2 0 12945-2













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Colour Fastne	<u> </u>	***************************************		B 1 2 :	***************************************				
		0 1	Change	Dark Colo	urs				
		Grade I		de in Colour	Y	Cross Staining			
				WO	PC	PL	PA	CO	AC
Dry Cleaning	UNI EN ISO 105-D01		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Dry Ironing	UNI EN ISO 105-X11		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Wet Ironing	UNI EN ISO 105-X11		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Acid Pers	UNI EN ISO 105-E04	***************************************	4/5	4/5	4/5	4/5	4/5	4/5	4/5
Alkaline Pers	UNI EN ISO 105-E04		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Water	UNI EN ISO 105-E01		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Washing	UNI EN ISO 105-C06		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Dry Rubbing	UNI EN ISO 105-X12							3/4	
Wet Rubbing	UNI EN ISO 105-X12							2/3	
Light	UNI EN ISO 105-B02	4							
	THE CONTRACTOR STATEMENT AND THE LINE BOY STATE STATEMENT AND THE		Change	Light Colo	urs	***************************************			
	anner a vina - experigencia a interior i i magazi a a parente, mane formatanda incubanção e modern	Grade	in Colour		Cross Staining				
				WO .	PC	PL	PA	CO	AC
Dry Cleaning	UNI EN ISO 105-D01		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Dry Ironing	UNI EN ISO 105-X11		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Wet Ironing	UNI EN ISO 105-X11	: :	4/5	4/5	4/5	4/5	4/5	4/5	4/5
Acid Pers	UNI EN ISO 105-E04	***************************************	4/5	4/5	4/5	4/5	4/5	4/5	4/5
Alkaline Pers	UNI EN ISO 105-E04		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Water	UNI EN ISO 105-E01	***************************************	4/5	4/5	4/5	4/5	4/5	4/5	4/5
Washing	UNI EN ISO 105-C06		4/5	4/5	4/5	4/5	4/5	4/5	4/5
Dry Rubbing	UNI EN ISO 105-X12			,				4/5	
Wet Rubbing	UNI EN ISO 105-X12							4	
Light	UNI EN ISO 105-B02	4						1	
Chemical and	d Ecotoxicologica	<u>l-</u>							
pH-value Wate	er Extract		4.0 - 7.5	4.0 - 7.5			UNI EN ISO 3071		
Flammability			Class 1				16 CFR 1610		
- Formaldehyde	!		< 16 mg/kg				UNI EN ISC) 14184/1	
Cancer-causir	ng Aromatic Amine	es	< 20 ppm	······································			DIN EN ISC) 14362/1	
REACH Compli	ant		Yes	***************************************	***************************************		Reg.(UE) 1	907/2006	
Standard(s)-									
Compliant with	n the National Sta	ndard of	the People's	s Republic	of China		GB18401-2	2010	
Better Cotton A	vailable						1030682-1		•
Okeo-Tex Stan	dard 100 Certified				_	***************************************	11-52140 9	hirlov	













BV CPS TEST LABORATUVARLARI LTD. STI. BUREAU VERITAS CONSUMER PRODUCTS SERVICES

Yalcin Kores Cad. No:22 Erdinc Binalari A Blok 1.Kule 1.Kat 34209 Gunesli, Istanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60 email:info.turkey@bvcps.com.tr website: www.bureauveritas.com/cps





10-25

TEST REPORT

LAB LOCATION: TURKEY SERVICE TYPE: Regular

LAB NUMBER: (7225)282-0318

THE DATE OF RECEIPT OF TEST ITEM: October 09, 2025

START DATE FOR TESTING: October 09, 2025 DATE END OF TEST: September 14, 2025 NUMBER OF WORKING DAYS: 4.0

CUSTOMER NAME /

ADDRESS

CONTACT NAME

: M CHAPMAN&SONS LTD

Address: Chapman Works, Manchester Road, Dunnockshaw, Burnley,

BB121 5PW.)

(Attn: Paige Newham-Foulds)

BUYER

: /

SUPPLIER REFERENCE

: Style Number: / PO Number: /

Unique Product Code: /

SAMPLE DESCRIPTION

: Woven Fabric Samples (Wordsworth-Cotton Plain)

(Claimed Fiber Content: 100%Cotton)

(Claimed Fabric Weight: /)

COLOUR

: Dark Brown 1419

SUBMITTED CARE INSTRUCTION

REASON FOR REVISION

:



Date Out (14/10/2025)

Demet Sinan Senior Client Team Lead Hasan Altingul Deputy General Manager Operations (14/10/2025)

C/N/ ET/SD

BV CPS Test Laboratuvarlan Ltd. Sti. accredited by TÜRKAK under registration number AB-0505-T for TS EN ISO/IEC 17025:2017 as test laboratory.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. Any copying or replication of this report to not for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test sample is dentified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report! Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from the date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty, provided, however, that 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 unqualida acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. Testing reports without signature are not valid. BV CPS Test Laboratories is not responsible for deviations for the accuracy of the information provided by the customer that may affect the validity of the test results given in this test report represent on



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SUMMARY OF TEST RESULTS

TEST PERFORMED	PASS	FAIL	DATA
Dimensional Stability To Washing *			X
Dimensional Stability to Wira Steam			X
Dimensional Stability Dry Cleaning*			X
Colorfastness To Domestic And Commercial Laundering*			X
Colourfastness To Water*			X
Colourfastness To Perspiration*			X
Colourfastness To Drycleaning *			X
Colourfastness To Hot Pressing			X
Colourfastness To Light*			X
Colorfastness To Rubbing*			X
Tear Properties Of Fabrics: Single Tear Method *		8	X
Tensile Properties Of Fabrics: Grab Method *			X
Slippage Resistance Of Yarns At Seam: Fixed Seam	-		X
Opening Method*			
Abrasion Resistance Of Fabrics By Martindale Method:	X		
Specimen Breakdown*			
Fabric Propensity To Surface Fuzzing And To Pilling:			X
Modified Martindale Method*			
Flammability Of Clothing Textiles*	X		
Ph Value*			X
Formaldehyde*		-	X
Azo-Amines And Arylamine Salts*			X
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs),			X
including all isomers*		* *	
Chlorophenols*			X
Quinoline	:		X
Organotin Compounds*			X
Flame Retardants *		-	X
Per- And Polyfluoroalkyl Substances (PFAS)*			X
Dimethylfumarate (Dmfu)			X
Extractable Heavy Metals			X
* TURKAK Accredited- See	Appendix A	I	



RE	REMARKS					
1	:	P: Pass, F: Fail, DATA: No Evaluation, N/A: Not Applicable				
2	:	*The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of				
		measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some results may be in borderline. Information on uncertainty is contained in appendix A on this report.				
3	:	The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test				
		methods are given on the following pages which are part of this report.				

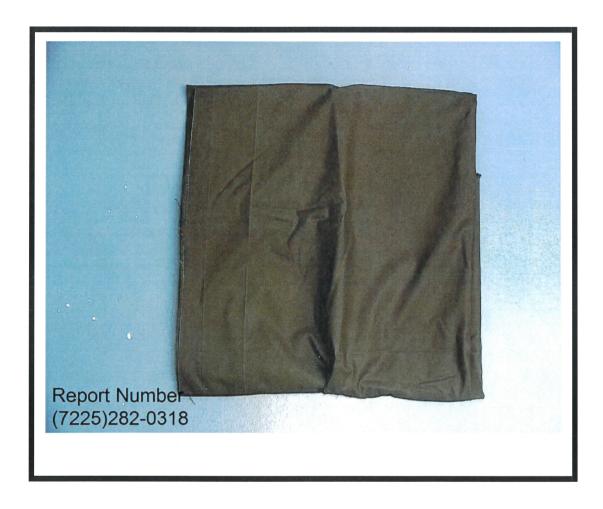
COMPONENT LIST / LIST OF MATERIALS				
COMPONENT	DESCRIPTION	COMPOSITION		
I001	Brown Base	/		
1002	Brown Base (Without Extraction)	/		



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ORIGINAL (SAMPLE IMAGE)





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	TEST RESU	LTS_	w	REQUIREMENTS
DIMENSIONAL STABILI (BS EN ISO 6330, Wascator		ool Iron)		
LENGTH WIDTH (+) Extension	Original (mm) 350 350	After Wash (mm) 347 347 (-) Shrinkage	Change (%) -0.9 -0.9	/
<u>DIMENSIONAL STABILI</u> (ISO 3175-1) 1 Cycle	TY TO DRY CLEAN	<u>ING</u>		
	Original (mm)	After 1 Dry Clean (mm)	Dimensional Change (%)	
Length Width	350 350	349 349	-0.3 -0.3	/
(+) EXTENSION	(-)	SHRINKAGE		
DIMENSIONAL STABILI (BS 4323)	TY TO WIRA STEAR	<u>M</u>		
Length Width	Original (mm) 254 254	After Steam (mm) 250 250	Dimensional Change (%) -1.6 -1.6	/
(+) Extension	(-) Shrinkage			



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TEST R	<u>REQUIREMENTS</u>	
COLOURFASTNESS TO DOMESTIC AND (ISO 105-C06:2010, TEST NO: A2S MECHAN SODIUM PERBORATE SOLUTION WITH 10	ICAL WASH AT 30°C (MOD) IN 0.4	% ECE DETERGENT AND 0.1%
Colour Change	4-5	
Self-Staining		
Colour Staining on Acetate	4-5	
Colour Staining on Cotton	4-5	
Colour Staining on Polyamide	4-5	/
Colour Staining on Polyester	4-5	, , , , , , , , , , , , , , , , , , ,
Colour Staining on Acrylic	4-5	
Colour Staining on Wool	4-5	
COLOURFASTNESS TO WATER (ISO 105-E01:2013 MULTIFIBRE DW)		
Colour Change	4-5	/
Self-Staining		
Colour Staining on Acetate	4-5	
Colour Staining on Cotton	4-5	
Colour Staining on Polyamide	4-5	/
Colour Staining on Polyester	4-5	
Colour Staining on Acrylic	4-5	
Colour Staining on Wool	4-5	



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	,,
TEST RESULTS	REQUIREMENTS

	Acid	Alkaline	
Colour Change	4-5	4-5	
	4- 3	7-3	
Self-Staining		/	
Colour Staining on Acetate	4-5	4-5	
Colour Staining on Cotton	4-5	4-5	
Colour Staining on Polyamide	4-5	4-5	
Colour Staining on Polyester	4-5	4-5	
Colour Staining on Acrylic	4-5	4-5	
Colour Staining on Wool	4-5	4-5	

COLOURFASTNESS TO DRYCLEANING (ISO 105-D01: 2010, MULTIFIBRE DW)		
(200 100 201, 2010, 1.10 21, 1.10		
Colour Change	4-5	/
Self-Staining	/	/
Colour Staining on Acetate	4-5	
Colour Staining on Cotton	4-5	
Colour Staining on Polyamide	4-5	
Colour Staining on Polyester	4-5	
Colour Staining on Acrylic	4-5	
Colour Staining on Wool	4-5	

COLOURFASTNESS TO HOT	PRESSING				
(ISO 105-X11:1994)	***************************************				
WARM IRON					
	DRY	DAMP	WET		
Colour Change – After Testing	4-5	4-5	4-5	/	
Colour Staining - After Testing	4-5	4-5	4-5		
Colour Change – After Conditioning For 4 Hrs	4-5	4-5	4-5	1	



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T	EST RESULTS	REQUIREMENTS				
COLOURFASTNESS TO LIGHT (ISO 105-B02:2014, METHOD 3, XENON-ARC LAMP, MODIFICATION:						
EXPOSURE UP TO CONTRAST OF GR						
RATING (NUMERICAL MEAN) 4 /						

COLOURFASTNES	S TO RUBBING		
(ISO 105-X12:2016 /)	BS EN ISO 105-X12:2016 / DIN EN ISC	105-X12:2016)	
<i></i>			
······································	LENGTHWISE	WIDTHWISE	
Dry	4	4	/
Wet	2-3	2-3	/

GRADE 5 NEGLIGIBLE OR NO CHANGE	GRADE 5 NEGLIGIBLE OR NO STAINING
GRADE 4 SLIGHTLY CHANGED	GRADE 4 SLIGHTLY STAINED
GRADE 3 NOTICEABLY CHANGED	GRADE 3 NOTICEABLY STAINED
GRADE 2 CONSIDERABLY CHANGED	GRADE 2 CONSIDERABLY STAINED
GRADE 1 MUCH CHANGED	GRADE 1 HEAVILY STAINED





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TEST RESULTS	REOUIREMENTS

METHOD	(BS EN ISO 1294	5-2, TESTED A	S RECEIVE	ED)				
PILLING		1	2	3	AVERAGE			
Grade at 20	00 Rubs	4-5	4-5	4-5	4-5	1		
FUZZING		1	2	3	AVERAGE			
Grade at 20	00 Rubs	4-5	4-5	4-5	4-5	/		
*DEMAND		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
*REMARK				······································				
PILLING GI	RADING SCHEMI	E			***************************************			
GRADE 5	NO CHANGE							
GRADE 4	PARTIALLY F	ORMED PILLS	3					
GRADE 3	MODERATE P	MODERATE PILLING						
GRADE 2	DISTINCT PIL	LING						
GRADE 1	SEVERE PILL	ING						

	17-2 / Pressure Used		DALE METHOD: S	SPECIMEN BREAK	<u> </u>
	Sample 1	Sample 2	Sample 3	Lowest Result	
NO. OF RUBS	>20000 Revs No Breakdown	>20000 Revs No Breakdown	>20000 Revs No Breakdown	>20000 Revs No Breakdown	20000 Revs
SHADE CHANGE @5000 Rubs			3-4		/

TEAR PROPERTIES OF FABRICS: SIN	GLE TEAR METHOD	
(ISO 13937-2:2000)		
ACROSS WARP (N)	12.5	/
ACROSS WEFT (N)	14.6	/
*REMARK		

TENSILE PROPERT (ISO 13934-2:1999)	ES OF FABRICS: GRAB METHOD	
WARP (N)	455	/
WEFT (N)	322	/
*REMARK		



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	TEST RESULTS		
SLIPPAGE RESISTANO	CE OF YARNS AT SEAM: FIXED SEA	AM OPENING METHOD	erreren errere
(ISO 13936-1:2004)			
	SEAM SLIPPAGE	SEAM STRENGTH(N)	/
WARP	NSS	>200	
WEFT	NSS	>200	
* REMARKS			
(A) FABRIC TEAR			
(B) FABRIC TEAR AT T	HE JAWS	9	
(C) FABRIC TEAR AT T	HE SEAM		
(D) BREAKAGE OF SEW	VING THREADS		
(E) THREAD PULL-OUT	Γ		
(F) ANY COMBINATION	N OF THESE		
(NSS) NO SEAM SLIPPA	AGE		



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TEST RESULTS

REQUIREMENTS

CLASS 1

FLAMMABILITY OF CLOTHING TEXTILES (16 CFR 1610)

CLASSIFICATION

IF SAMPLE FALLS UNDER SPECIFIC EXEMPTIONS AS LISTED BELOW, THE REPORT SHOULD BE RATED AS A PASS AND THE SPECIFIC EXEMPTION SHOULD BE NOTED IN THE REPORT.

EXEMPT DUE TO FABRIC WEIGHT: 6.3 OZ/YD² THE SUBMITTED SAMPLE(S) IS(ARE) EXEMPT FROM

FLAMMABILITY TESTING IN ACCORDANCE WITH 16 CFR

1610.1(D) WHICH STATES: SPECIFIC EXEMPTIONS

EXPERIENCE GAINED FROM YEARS OF TESTING IN ACCORDANCE WITH THE STANDARD DEMONSTRATES THAT CERTAIN FABRICS CONSISTENTLY YIELD ACCEPTABLE RESULTS WHEN TESTED IN ACCORDANCE WITH THE STANDARD. THEREFORE, PERSONS AND FIRMS ISSUING AN INITIAL GUARANTY OF ANY OF THE FOLLOWING TYPES OF FABRICS, OR OF PRODUCTS MADE ENTIRELY FROM ONE OR MORE OF THESE FABRICS ARE EXEMPT FROM ANY REQUIREMENT FOR TESTING TO SUPPORT GUARANTIES OF THOSE FABRICS.

- 1. PLAIN SURFACE FABRICS, REGARDLESS OF FIBER CONTENT, WEIGHING 2.6 OUNCES PER SQUARE YARD OR MORE; AND
- 2. ALL FABRICS, BOTH PLAIN SURFACE AND RAISED-FIBER SURFACE, REGARDLESS OF WEIGHT, MADE ENTIRELY FROM ANY OF THE FOLLOWING FIBERS OR ENTIRELY FROM COMBINATION OF THE FOLLOWING FIBERS: ACRYLIC, MODACRYLIC, NYLON, OLEFIN, POLYESTER, WOOL.

C/N/ET/SD Document No: gen.f.132 Issue Date: 05.06.2012 Rev. No / Date: 36 / 10.07.2025



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TEST RESULT

PH VALUE

Test Method I

: Textiles and Artificial Leather: SASO ISO 3071:2014

Test Method II

: Leather: EN ISO 4045:2018

Maximum Limit:

-	Unit	Result
Test Item(s)	-	I001
Test Method	-	I
Parameter	-	-
pH Value of Extract Solution	-	-
Temp. of Aqueous Extract	deg. C	23.2
pH Value of Aqueous Extract	-	6.1
Conclusion	-	DATA

Note / Key:

deg. C = degree Celsius (°C)

Temp. = Temperature

Remark:

Formaldehyde

Test Method I

: All materials exceptLeather: JIS L 1041-2011 A (Japan Law 112) or

EN ISO 14184-1:2011

Test Method II

Leather: EN ISO 17226-2:2019 with EN ISO 17226-1:2019 confirmation method in case of interferences. Alternatively, EN ISO 17226-1:2019 can be used on its own.

Maximum Limit:

T . 1 1 ()	Result	Complusion		
Tested Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
1001	/	ND	mg/kg	DATA

Note:

ND = Not detected

">" = More than

mg/kg = milligram per kilogram

Detection Limit (mg/kg): 5



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TEST RESULTS

Azo-amines and Arylamine salts

Test Method I

: EN ISO 14362-1:2017

Test Method II

: ISO 17234-1:2015

Test Method

: EN ISO 14362-3:2017 (For textile)/ ISO 17234-2:2011 (For leather)/

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CPSD-AN-00107-MTHD/26

Quantification analysis by GC-MS and confirmation by LC-DAD.

Maximum Limit:	1
----------------	---

Tanta d Itana (a)	Test	Result			Complusion
Tested Item(s)	Method	Detected Analyte(s)	Conc.	Unit	Conclusion
1002	I	/	ND	mg/kg	DATA

Note:

ND = Not detected mg/kg = milligram(s) per kilogram 10~000~mg/kg = 1~%

Detection Limit (mg/kg) - 5 each Remark:

">" = Greater than mg/kg = ppm = part(s) per milli

mg/kg = ppm = part(s) per million

% = percent

Conc. = Concentration

- The list of Azo-amines and Aryl Amine salts is summarized in table of Appendix.



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TEST RESULTS

Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs), including all isomers

Test Method I

: Textiles and Leather: EN ISO 21084:2019 Polymers and all other materials:

1 g sample/20 mL THF, sonication for 60 minutes at 70 degrees C, analysis

according to EN ISO 21084:2019

Test Method II

All materials except Leather: EN ISO 18254-1:2016 with determination of

APEO using LC/MS or LC/MS/MS

Test Method III

: Leather: Sample prep and analysis using EN ISO 18218-1:2015 with

quantification according to EN ISO 18254-1:2016

Test Method IV

GB/T 23322 mod.

Maximum Limit:	/				
		Result			·
Tested Item(s)	Test Method	Detected Analyte(s)	Conc.	Unit	Conclusion
1001	I	/	ND	mg/kg	DATA

Note:

ND = Not detected

">" = Greater than

Conc. = Concentration

mg/kg = milligram(s) per kilogram

mg/kg = ppm = part(s) per million

% = percent

 $10\ 000\ \text{mg/kg} = 1\ \%$ Detection Limit (mg/kg) - Each (NP & OP) 5; (NPEO & OPEO) 30

Remark:

The list of Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs), including all isomers is summarized in table of Appendix.



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TEST RESULTS

Chlorophenols

Test Method I

: All materials: DIN 50009:2021

Test Method II

: LFGB 64 B 82.02-8 / CEN/TS 14494 / DIN 53313

Maximum Limit:	1			
T 1 T (.)	Result			Conclusion
Tested Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
T001	/	ND	mg/kg	DATA

Note:

ND = Not detected

mg/kg = milligram(s) per kilogram $10\ 000\ \text{mg/kg} = 1\ \%$

Detection Limit (mg/kg) - 0.05 each

 $">"= Greater\ than$ mg/kg = ppm = part(s) per million

% = percent

Conc. = Concentration

Conc. = Concentration

Remark:

The list of Chlorophenols is summarized in table of Appendix.

Quinoline

Test Method I

: All materials: DIN 54231:2022 / CPSD-AN-00048-MTHD

Test Method II

: 54231:2022 - LC-MS/MS 64LFGB 82.02-10Mod.

Maximum Limit:	1			
TD 4 1 T4(2)	Result			Conclusion
Tested Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
I001	/	ND	mg/kg	DATA

Note:

ND = Not detectedmg/kg = milligram(s) per kilogram $10\ 000\ mg/kg = 1\ \%$ Detection Limit (mg/kg) - 0.05 each $``>" = Greater\ than$ mg/kg = ppm = part(s) per million

% = percent

Remark: /



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TEST RESULTS

REQUIREMENTS

Organotin Compounds

Test Method

: All materials: CEN ISO/TS 16179:2012 or EN ISO 22744-1:2020 / DIN 38407-13

Mod ISO 17353

Quantification analysis by GC-MS

Maximum	Limit:	1

7F (-)	Result	Conclusion		
Tested Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
I001	/	ND	mg/kg	DATA

Note:

ND = Not detected mg/kg = milligram(s) per kilogram 10~000~mg/kg = 1~% ">" = Greater than mg/kg = ppm = part(s) per million Conc. = Concentration

% = percent

Detection Limit (mg/kg) - 0.05

Remark:

- The list of Organotin Compounds is summarized in table of Appendix.



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TEST RESULTS

REQUIREMENTS

Flame Retardants

Test Method I

EN ISO 17881-1/2: 2006

Solvent extraction and analysis by Gas Chromatograph Mass Spectrometer (GC-MS)

or Liquid Chromatograph Mass Spectrometer (LC-MS)

Maximum Lir	nit:				
TT (137)		Result			Canalusian
Tested Item(s)	Type	Detected Analyte(s)	Conc.	Unit	Conclusion
I001	I	/	ND	mg/kg	DATA

Note:

ND = Not detectedmg/kg = milligram(s) per kilogram ">" = Greater than mg/kg = ppm = part(s) per million % = percent

Conc. = Concentration

 $10\ 000\ \text{mg/kg} = 1\ \%$ Detection Limit (mg/kg) - 5 each

Remark:

The list of Flame Retardants is summarized in table of Appendix.

Per- and Polyfluoroalkyl substances (PFAS)

Test Method

: EN 17681-1:2025/ CPSD-AN-00668-MTHD

Maximum Limit:	/

Tested Item(s)	Result	Unit	Conclusion
1001	ND	mg/kg	DATA

Note:

ND = Not detected

">" = More than

Conc. = Concentration

Remark:

- The list of Per- and Polyfluoroalkyl substances (PFAS) is summarized in table of Appendix.



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TEST RESULTS

REQUIREMENTS

Dimethylfumarate (DMFu)

Test Method

: All materials: ISO 16186:2021 / ISO/TS 16186 and DIN EN 17130

Quantification analysis by GC-MS

Maximum Limit:	1		
Tested Item(s)	Result	Unit	Conclusion
1001	ND	mg/kg	DATA

Note:

ND = Not detectedmg/kg = milligram(s) per kilogram 10 000 mg/kg = 1 % Detection Limit (mg/kg) - 0.03

">" = Greater than

mg/kg = ppm = part(s) per million % = percent

Conc. = Concentration

Remark:



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TEST RESULTS

REQUIREMENTS

Extractable Heavy Metals

Test Method

: All materials except Leather: DIN EN 16711-2:2016

Leather: DIN EN ISO 17072-1:2019 Quantification analysis by ICP-MS

		Element (mg/kg)							
Limit:	As	Cd	Se	Hg	Pb	Sb	Co	Ba	Cu
	-	_	_	_	_	-	-	-	-

		Element (mg/kg)					
Limit:	Cr	Ni	Sn	Mn	Zn	Cr VI	
	_	_	_	_	-	_	

_	Unit	-
Tested Item(s)	-	I001
Parameter	-	
Antimony (Sb)	mg/kg	ND
Arsenic (As)	mg/kg	ND
Cadmium (Cd)	mg/kg	ND
Chromium (Cr)	mg/kg	ND
Chromium VI (Cr-VI)	mg/kg	ND
Cobalt (Co)	mg/kg	ND
Copper (Cu)	mg/kg	24
Lead (Pb)	mg/kg	ND
Nickel (Ni)	mg/kg	ND
Mercury (Hg)	mg/kg	ND
Selenium (Se)	mg/kg	ND
Tin (Sn)	mg/kg	ND
Manganese (Mn)	mg/kg	ND
Zinc (Zn)	mg/kg	ND
Barium (Ba)	mg/kg	ND
Conclusion	-	DATA

Note:

ND = Not detected

">" = Greater than

Conc. = Concentration

mg/kg = milligram(s) per kilogram 10 000 mg/kg = 1 % mg/kg = ppm = part(s) per million

% = percent

Detection Limit (mg/kg) - (Sb) 2, (As) 0.05, (Cd) 0.05, (Cr) 0.25, (Cr-VI) 0.5, (Co) 0.25, (Cu) 5, (Pb) 0.1, (Ni) 0.25, (Hg) 0.02, (Se) 5, (Sn) 0.25, (Mn) 0.1, (Zn) 5, (Ba) 2

Remark:

^{**}Indicates does not meet the requirements



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APPENDIX A -LIST OF MEASUREMENT UNCERTAIN	TIES	
TEST NAME.	STANDARD NAME	MEASUREMENT UNCERTAINTY
Colourfastness to Domestic and Commercial Laundering	BS EN ISO 105 C06 EN ISO 105 C06 ISO 105 C06 TS EN ISO 105 C06	±0.5 Grade
Colourfastness to Water	BS EN ISO 105 E01 ISO 105 E01 TS EN ISO 105 E01	±0.5 Grade
Colourfastness to Light	BS EN ISO 105 B02 ISO 105 B02 EN ISO 105 B02 TS EN ISO 105 B02	±0.5 Grade
Colourfastness to Drycleaning	ISO 105 D01 BS EN ISO 105 D01 TS EN ISO 105 D01	±0.5 Grade
Colourfastness to Perspiration	ISO 105 E04 BS EN ISO 105 E04 TS EN ISO 105 E04	±0.5 Grade
Colourfastness to Rubbing	ISO 105 X12 BS EN ISO 105 X12 TS EN ISO 105 X12	±0.5 Grade
Appearance Assessment And Dimensional Stability For Fabrics And Garments	CPSD-SL-31068-MTHD	±0.5 Grade
Dimensional Stability To Washing	As a combination of 3 standards BS EN ISO 6330 BS EN ISO 5077 BS EN ISO 3759	± 5.0 %
Tear Properties Of Fabrics: Single Tear Method	BS EN ISO 13937-2 TS EN ISO 13937-2	±10.8%
Tensile Properties Of Fabrics: Grab Method	BS EN ISO 13934-2 EN ISO 13934-2 ISO 13934-2 TS EN ISO 13934-2	±17.2%
Slippage Resistance Of Yams At Seam: Fixed Seam Opening Method	BS EN ISO 13936-1 EN ISO 13936-1 ISO 13936-1 TS EN ISO 13936-1	±4.9%
Abrasion Resistance Of Fabrics By Martindale Method: Specimen Breakdown	BS EN ISO 12947-2 EN ISO 12947-2,AC ISO 12947-2, Cor1 TS EN ISO 12947-2, AC	±4.5%
Fabric Propensity To Surface Pilling Fuzzing or Matting: Modified Martindale Method	BS EN ISO 12945-2 EN ISO 12945-2 ISO 12945-2 TS EN ISO 12945-2	±0.5 Grade
pH Value	ISO 4045	±2.08%
Formaldehyde Content	BS EN ISO 14184-1	±4.85%
Azo-amines and Arylamine salts	EN ISO 14362-1	± % 21,04



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APPENDIX

List of Azo-amines and Arylamine salts:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	4-Aminodiphenyl	92-67-1	15	4,4'-Methylene-bis-(2-chloraniline)	101-14-4
2	Benzidine	92-87-5	16	4,4'-Oxydianiline	101-80-4
3	4-Chloro-o-toluidine	95-69-2	17	4,4'-Thiodianiline	139-65-1
4	2-Naphthylamine	91-59-8	18	o-Toluidine	95-53-4
5	o-Aminoazotoluene	97-56-3	19	4-Methyl-m-phenylenediamine (2,4-Toluenediamine)	95-80-7
6	5-nitro-o-toluidine (2-Amino-4-nitrotoluene)	99-55-8	20	2,4,5-Trimethylaniline	137-17-7
7	4-Chloroaniline (p-Chloroaniline)	106-47-8	21	o-Anisidine	90-04-0
8	4-Methoxy-m-phenylenediamine (2,4-Diaminoanisole)	615-05-4	22	4-Aminoazobenzene (p-Aminoazobenzene)	60-09-3
9	4,4'-Diaminodiphenylmethane (4,4'-Methylenedianiline)	101-77-9	23	2,4-Xylidine	95-68-1
10	3,3'-Dichlorobenzidine	91-94-1	24	2,6-Xylidine	87-62-7
11	3,3'-Dimethoxybenzidine (o-Dianisidine)	119-90-4	25	4-chloro-o-toluidinium chloride	3165-93-3
12	3,3'-Dimethylbenzidine (4,4'-Bi-o-tolidine)	119-93-7	26	2-Naphthylammoniumacetate	553-00-4
13	4,4'-Methylenedi-o-toluidine (3,3'-Dimethyl-4,4'-diaminodiphenylmethane)	838-88-0	27	4-methoxy-m-phenylene diammonium sulphate; 2,4- diaminoanisole sulphate	39156-41-
14	p-Cresidine	120-71-8	28	2,4,5-trimethylaniline hydrochloride	21436-97-

List of Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs), including all isomers:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Nonylphenol (NP)	104-40-5	3	Nonylphenol ethoxylated (NPEO)	68412-54-4
2	Octylphenol (OP)	140-66-9	4	Octylphenol ethoxylated (OPEO)	9002-93-1





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List of Chlorophenols:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Pentachlorophenol (PCP)	87-86-5	2	Tetrachlorophenol (TeCP): 2,3,5,6- Tetrachlorophenol 2,3,4,6- Tetrachlorophenol 2,3,4,5- Tetrachlorophenol	935-95-5 58-90-2 4901-51-3

Organotin Compounds:				
No.	Name	No.	Name	
1	Tributyltin (TBT)	4	Triphenyltin (TPhT)	
2	Dibutyltin (DBT)	5	Dioctyltin (DOT)	
3	Monobutyltin (DBT)	-	-	

List of Flame Retardants:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Polybromobiphenyles (PBBs)	59536-65-1	4	Polybromodiphenyl ethers (PBDEs)	Various
2	Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	5	Hexabromocyclododecane (HBCDD)	Various
3	Tris-(aziridinyl)-phosphineoxide (Tris (1-aziridinyl) phosphine oxide) or (TEPA)	545-55-1	-	-	-



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No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Perfluorobutyric acid	375-22-4	31	Perfluoro-1-heptanesulfonic acid	375-92-8
2	Perfluoropentanoic acid	2706-90-3	32	Perfluoro-1-heptanesulfonic acid potassium salt	60270-55-5
3	Perfluoro-n-hexanoic acid	307-24-4	33	Perfluorooctanesulfonic acid	1763-23-1
4	Perfluoro-n-heptanoic acid	21615-47-4	34	Perfluorooctanesulfonic acid potassium salt	2795-39-3
5	7H-Perfluoroheptanoic acid	375-85-9	35	Ammonium perfluorooctanesulfonate	29081-56-9
6	Perfluoro-n-octanoic acid	335-67-1	36	Perfluorooctanesulfonic acid lithium salt	29457-72-5
7	Perfluorooctanoyl fluoride	335-66-0	37	Perfluoro-1-octanesulfonyl fluoride	307-35-7
8	Methyl perfluorooctanoate	376-27-2	38	Perfluorooctane sulfonate diethanolamine salt	70225-14-8
9	Ethyl perfluorooctanonate	3108-24-5	39	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-1-octanesulfonate NDecyl-N,N-dimethyl-1- decanaminium salt	251099-16-8
10	Sodium perfluorooctanoate	335-95-5	40	Perfluorodecane sulfonic acid	335-77-3
11	Potassium perfluorooctanoate	2395-00-8	41	Perfluorodecane sulfonic acid sodium salt	335-77-3
12	Silver perfluorooctanoate	335-93-3	42	Perfluorodecane sulfonic acid sodium salt	2806-15-7
13	Ammonium pentadecafluorootanoate	3825-26-1	43	Perfluorodecane sulfonic acid potassium salt	2806-16-8
14	Perfluoro-n-nonanoic acid	375-95-1	44	1H,1H,2H,2H-perfluorohexane sulfonate acid	757124-72-4
15	Ammonium perfluorononanoate	4149-60-4	45	1H,1H,2H,2H-perfluorohexane sulfonate acid sodium salt	-
16	Sodium perfluorononanoate	21049-39-8	46	1H,1H,2H,2HPerfluorooctanesulphon ic acid	27619-97-2
17	Perfluoro-n-decanoic acid	335-76-2	47	1H,1H,2H,2HPerfluorodencane sulfonate acid	39108-34-4
18	2H,2H-Perfluorodecanoic acid	27854-31-5	48	1H,1H,2H,2HPerfluorodencane sulfonate acid, Sodium salt	-
19	Perfluoro-3,7-dimethyloctanoic acid	172155-07-6	49	1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0
20	Perfluoroundecanoic acid	2058-94-8	50	Perfluorooctane sulfonamide	754-91-6
21	2H,2H,3H,3H- Perfluoroundecanoic acid	34598-33-9	51	N-Methylperfluoro-1- octanesulfonamide	31506-32-8
22	Perfluorododecanoic acid	307-55-1	52	N-Ethylperfluoro-1- octanesulfonamide	4151-50-2
23	Perfluorotridecanoic acid	72629-94-8	53	2-(N-methylperfluoro-1- octanesulfonamido)-ethanol	24448-09-7
24	Perfluorotetradecanoic acid	376-06-7	54	2-(N-Ethylperfluoro-1- octanesulfonamido)-ethanol	1691-99-2
25	Perfluorobutanesulfonic acid	375-73-5	55	Perfluorooctane sulfonamidoacetic acid	17527-29-6
26	Perfluorobutanesulfonic acid potassium salt	29420-49-3	56	2-(N-Methylperfluorooctane sulfoamido) acetic acid	2355-31-9
27	Perfluorobutanesulfonic acid hydrate	59933-66-3	57	N-Ethylperfluorooctane sulfonamidoacetate	2991-50-6
28	Perfluorohexanesulfonic acid	355-46-4	58	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propanic acid	13252-13-6
29	Perfluorohexanesulfonic acid potassium salt	3871-99-6			
30	Perfluorohexanesulfonic acid sodium salt	82382-12-15			

-END OF REPORT-



BV CPS TEST LABORATUVARLARI LTD. STI. **BUREAU VERITAS CONSUMER PRODUCTS SERVICES**

Yalcin Kores Cad. No:22 Erdinc Binalari A Blok 1.Kule 1.Kat 34209 Gunesli, Istanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60 email:info.turkey@bvcps.com.tr website: www.bureauveritas.com/cps





AB-0505-T

72252820321

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TEST REPORT

LAB LOCATION: TURKEY **SERVICE TYPE: Regular** LAB NUMBER: (7225)282-0321

THE DATE OF RECEIPT OF TEST ITEM: October 09, 2025

START DATE FOR TESTING: October 09, 2025

DATE END OF TEST: October 13, 2025 **NUMBER OF WORKING DAYS: 3.0**

CUSTOMER NAME /

ADDRESS

CONTACT NAME

: M CHAPMAN&SONS LTD

(Address: Chapman Works, Manchester Road, Dunnockshaw, Burnley,

BB121 5PW)

(Attn: Paige Newham-Foulds)

BUYER

SUPPLIER REFERENCE

: Style Number: /

PO Number: 13621 Unique Product Code: /

SAMPLE DESCRIPTION

: Woven Fabric Sample (Wordsworth – Cotton Plain)

(Claimed Fiber Content: 100% Cotton)

(Claimed Fabric Weight: /)

COLOUR

Stone 01

SUBMITTED CARE INSTRUCTION

REASON FOR REVISION



Date Out (13/10/2025)

Ayşegül Karayılan Senior Client Team Lead

Hasan Altingul **Deputy General Manager Operation** (13/10/2025)

C/N/ ET/SD

BV CPS Test Laboratuvarian Ltd. Sti. accredited by TÜRKAK under registration number AB-0505-T for TS EN ISO/IEC 17025:2017 as test laboratory.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual

Recognition Agrangement (MRA) for the recognition of test reports.

Recognition Arrangement (MRA) for the recognition of test reports.

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/ps/about-us/terms-conditions/ and 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 prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was take or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from the date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty, provided, however, that such notice shall be in writing and shall specifically address the issue you wish 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. Testing reports without signature are not valid. BV CPS Test Laboratories is not responsible for deviations for the accuracy of the information provided by the customer that may affect the validity of the test results. Test results given this test report represent only the sample(s) delivered to the laboratory, as sent to BV CPS Test Laboratories by the client/vendor via courier, cargo and/or manual delivery. No sampling is performed by BV CPS Test



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SUMMARY OF TEST RESULTS

TEST PERFORMED	PASS	FAIL	DATA
Colorfastness To Domestic And Commercial Laundering*			X
Colourfastness To Water*			X
Colourfastness To Perspiration*			X
Colourfastness To Drycleaning *			X
Colourfastness Light*			X
Colourfastness To Hot Pressing			X
Colorfastness To Rubbing*			X
*TURKAK Accredited- See Appo	endix A	i .	

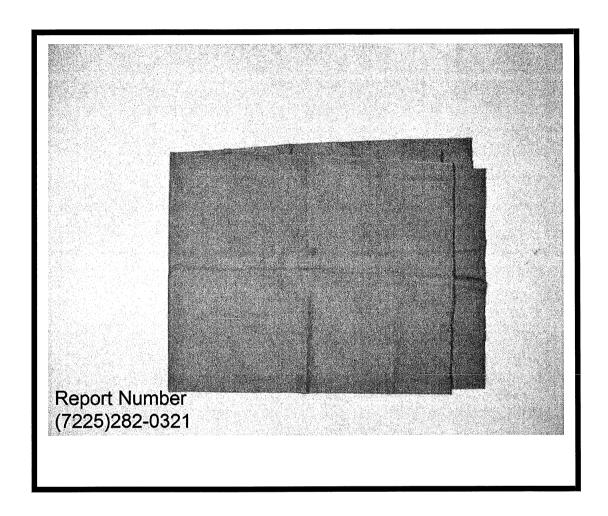
RE	REMARKS				
1	:	P: Pass, F: Fail, DATA: No Evaluation, N/A: Not Applicable			
2	:	*The reported expanded uncertainty is based on the standard uncertainty multiplied by a coverage factor of			
		k=2, providing a level of confidence of approximately 95%. Unless otherwise is specified, the uncertainty of			
		measurement has not been taken into account when assessing pass/fail of the sample against the requirements			
		of the standard. In case consideration of measurement uncertainties when assessing pass/ fail limits, some			
		results may be in borderline. Information on uncertainty is contained in appendix A on this report.			
3	:	The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test			
		methods are given on the following pages which are part of this report.			



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ORIGINAL (SAMPLE IMAGE)





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TEST RESULTS

REQUIREMENTS

(ISO 105-C06:2010, TEST NO: A2S MECHAI SODIUM PERBORATE SOLUTION WITH 1		ECE DETERGENT AND 0.1%
Colour Change	4-5	/
Self-Staining	/	
Colour Staining On Acetate	4-5	
Colour Staining On Cotton	4-5	
Colour Staining On Nylon/Polyamide	4-5	/
Colour Staining On Polyester	4-5	/
Colour Staining On Acrylic	4-5	
Colour Staining On Wool	4-5	

COLOURFASTNESS TO WATER (ISO 105-E01:2013 MULTIFIBRE DW)		
Colour Change	4-5	/
Self-Staining	/	
Colour Staining On Acetate	4-5	
Colour Staining On Cotton	4-5	
Colour Staining On Nylon/Polyamide	4-5	/
Colour Staining On Polyester	4-5	/
Colour Staining On Acrylic	4-5	
Colour Staining On Wool	4-5	



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	REQUIREMENTS		
COLOURFASTNESS TO PERSPIR (ISO 105-E04:2013, MULTIFIBRE D			
	Acid	Alkaline	
Colour Change	4-5	4-5	/
Self-Staining			
Colour Staining On Acetate	4-5	4-5	
Colour Staining On Cotton	4-5	4-5	
Colour Staining On Nylon/Polyamide	4-5	4-5	
Colour Staining On Polyester	4-5	4-5	
Colour Staining On Acrylic	4-5	4-5	
Colour Staining On Wool	4-5	4-5	

COLOURFASTNESS TO HOT PRES (ISO 105-X11:1994/ 150 DEGREE CE		CONDS)		,
110 DEGREE				
	DRY	DAMP	WET	
COLOUR CHANGE – AFTER TESTING	4-5	4-5	4-5	/
COLOUR CHANGE – AFTER FOR 4 HRS	4-5	4-5	4-5	/
COLOUR STAINING - AFTER TESTING	4-5	4-5	4-5	/
*REMARK			***************************************	

/
/
/

	DRY	DAMP	WET	
COLOUR CHANGE – AFTER TESTING	4-5	4-5	4-5	/
COLOUR CHANGE – AFTER FOR 4 HRS	4-5	4-5	4-5	/
COLOUR STAINING - AFTER FESTING	4-5	4-5	4-5	/



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TEST RESULTS		REQUIREMENTS
COLOURFASTNESS TO DRYCLEANING (ISO 105-D01: 2010, MULTIFIBRE DW)		
Colour Change	4-5	/
Self-Staining		
Colour Staining On Acetate	4-5	
Colour Staining On Cotton	4-5	
Colour Staining On Nylon/Polyamide	4-5	,
Colour Staining On Polyester	4-5	
Colour Staining On Acrylic	4-5	
Colour Staining On Wool	4-5	

COLOURFASTNESS TO LIGHT (ISO 105-B02:2014, METHOD 3, XENON-ARC LAMP, MODIFICATION:			
EXPOSURE UP TO CONTRAST OF GREY SCALE 4)			
RATING (NUMERICAL MEAN)	4	/	

COLOURFASTNES			
(ISO 105-X12:2016 /	BS EN ISO 105-X12:2016 / DIN EN ISC) 105-X12:2016)	
	LENGTHWISE	WIDTHWISE	
Dry	4-5	4-5	/
Wet	4-5	4-5	/

GRADE 5 NEGLIGIBLE OR NO CHANGE	GRADE 5 NEGLIGIBLE OR NO STAINING
GRADE 4 SLIGHTLY CHANGED	GRADE 4 SLIGHTLY STAINED
GRADE 3 NOTICEABLY CHANGED	GRADE 3 NOTICEABLY STAINED
GRADE 2 CONSIDERABLY CHANGED	GRADE 2 CONSIDERABLY STAINED
GRADE 1 MUCH CHANGED	GRADE 1 HEAVILY STAINED



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TEST NAME +	STANDARD NAME	MEASUREMENT UNCERTAINTY.
Colourfastness to Domestic and Commercial	BS EN ISO 105 C06	±0.5 Grade
Laundering	EN ISO 105 C06	
Zudikuting	ISO 105 C06	
	TS EN ISO 105 C06	
Colourfastness to Water	BS EN ISO 105 E01	±0.5 Grade
	ISO 105 E01	
	TS EN ISO 105 E01	
Colourfastness to Light	BS EN ISO 105 B02	±0.5 Grade
C	ISO 105 B02	
	EN ISO 105 B02	
	TS EN ISO 105 B02	
Colourfastness to Drycleaning	ISO 105 D01	±0.5 Grade
	BS EN ISO 105 D01	
	TS EN ISO 105 D01	
Colourfastness to Perspiration	ISO 105 E04	± 0.5 Grade
·	BS EN ISO 105 E04	
	TS EN ISO 105 E04	
Colourfastness to Rubbing	ISO 105 X12	±0.5 Grade
-	BS EN ISO 105 X12	
	TS EN ISO 105 X12	

-END OF REPORT-