

Report Number :

BOMT19036650



TEST REPORT

NUMBER : BOMT19036650
DATE : 19-Jun-2019

APPLICANT : SWAYAM NIRYAT
A/803, Samprat - 2, Nr. Kiran Motors, Opp.
Rajpath Club, S.g. Highway, bodakdev,,
Ahmedabad, Gujarat, 380015, India
ATTN : Sanjay Tiwari

Sample Description : [INDO-TWILL]
ONE PIECE OF SUBMITTED WOVEN FABRIC SAMPLE.
END USE: UNIFORM DRESS/SUITING
GSM: 175

Applicant Provided Care Instructions :



Date Received/Date Test Started : 08 Jun 2019
Date Confirmation Received : -
Buyer Name : SASO [JAWAD BUSALEH]
Style No :
Order No : -
Color : -
Fiber Content : 80% POLYESTER/20% VISCOSE
Performance No. : SASO GSO 1829/2007
Manufacturer's Name : SWAYAM NIRYAT
Vendor Name : Swayam Niryat
Buyer Name : SASO

TEST CONDUCTED : AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO ENCLOSED PAGE(S)

Azo (Blend)

<u>TESTED SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
Grey Fabric		PASS

AUTHORIZED BY
FOR Intertek India Private Limited - [Mumbai]

INDIRA DEVADIGA
LAB MANAGER

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CONCLUSION :

Extractable Heavy Metals	M
Fibre Identification/composition	M
Released Formaldehyde	M
Colour Fastness to Water	M
Colour Fastness to Washing	M
Free Formaldehyde Content	M
Colour Fastness to Rubbing	M
pH Value	M
Opp	M
Carcinogenic Dyes	M
Pcp/tecP	M
Chlorinated Organic Carriers	M
Odour Test	M
Organic Tin compound	M
Labelling	*
Allergenic Dyes	M
Colour Fastness to Perspiration	M

NOTE:

M = MEETS REQUIREMENT, F = FAILS TO MEET REQUIREMENT
* = REQUIREMENT NOT PROVIDED, NA = NOT APPLICABLE
= SEE REMARK, C = CONFIRM LABEL
- = NOT PERFORMED NR = NOT REQUESTED

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TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

1. Extractable Heavy Metals

SASO GSO 1957, Clause 5

Dark Grey Woven Fabric

		<u>Requirement</u>
Sol. Lead [Pb]	ND	1.0 ppm
Sol. Cadmium [Cd]	ND	0.1 ppm
Sol. Antimony [Sb]	2.9 ppm	30 ppm
Sol. Chromium [Cr]	1.6 ppm	2.0 ppm
Sol. Mercury [Hg]	ND	0.02 ppm
Sol. Arsenic [As]	ND	1.0 ppm
Sol. Cobalt [Co]	ND	4.0 ppm
Sol. Copper [Cu]	ND	50 ppm
Sol. Nickel [Ni]	ND	4.0 ppm

REMARK:

ND = Not Detected

Soluble lead (Pb) : 0.1 ppm

Soluble cadmium (Cd) : 0.01 ppm

Soluble Antimony (Sb) : 0.1 ppm

Soluble Chromium (Cr) : 0.1 ppm

Soluble Mercury (Hg) : 0.01 ppm

Soluble Arsenic (As) : 0.1 ppm

Soluble Cobalt (Co) : 0.1 ppm

Soluble Copper (Cu) : 1.0 ppm

Soluble Nickle (Ni) : 0.1 ppm

2. Fibre Identification/composition

SASO 781: 1994

Warp	Polyester+Viscose	<u>Marked</u>
Weft	Polyester	
FIBRE COMPOSITION (ON FABRIC BASIS) :	Polyester : 80.9%	<u>Marked</u>
	Viscose : 19.1%	80% Polyester
		20% Viscose

REMARK:

ISO: Annex IX of REGULATION (EU) No 1007/2011 repealing Directive 73/44/EEC and Directives 96/73/EC and 2008/121/EC

Polyester : 1.5%

Viscose : 13.0%

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3. Colour Fastness to Water

SASO ISO 105-E01

			<u>Requirement</u>
Colour Change		4-5	3
COLOUR STAINING	Acetate	4-5	3
	Cotton	4-5	
	Nylon	4-5	
	Polyester	4-5	
	Acrylic	4-5	
	Wool	4-5	

4. Released Formaldehyde

SASO ISO 14184-2

	<u>Requirement</u>
Not Detectable below 20 ppm	≤75 ppm

5. Colour Fastness to Washing

AATCC 61: 2A MODIFIED 45 MIN MECHANICAL WASH AT 105°F IN 0.15% AATCC WOB WITH 50 STEEL BALLS

			<u>Requirement</u>
Colour Change		4.0	4 (Min.)
COLOUR STAINING	Acetate	4.0	4 (Min.)
	Cotton	4.5	
	Nylon	4.0	
	Polyester	4.5	
	Acrylic	4.5	
	Viscose	4.5	
	Wool	4.5	

6. Free Formaldehyde Content

SASO ISO 14184-1

	<u>Requirement</u>
Not Detectable below 16 ppm	≤75 ppm

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7. Colour Fastness to Rubbing

SASO ISO 105-X12

	Warp/Weft	<u>Requirement</u>
Dry	4-5	4

8. pH Value

SASO 2144

	<u>Requirement</u>
7.3	Direct contact with skin- 4.0 to 7.5

9. Carcinogenic Dyes

SASO GSO 1957, Clause 8.2 (SASO ISO 16373)

	Grey Fabric	<u>Requirement</u>
Disperse Blue 1	ND	0.006%
Basic Red 9	ND	
Acid Red 26	ND	
Disperse Yellow 3	ND	
Direct Red 28	ND	
Direct Blue 6	ND	
Direct Black 38	ND	
Disperse Orange 11	ND	
Basic Violet 14	ND	

REMARK:

ND = Not Detected

Detection Limit = 15 mg/kg

10. Opp

SASO GSO 1957, Clause 7

	<u>Requirement</u>
Woven Fabric Not Detected	1.0 ppm

REMARK:

Detection Limit = 0.05 ppm

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11. Chlorinated Organic Carriers

SASO GSO 1957, Clause 9

Light grey Woven Fabric

	<u>Compound</u>	<u>Requirement</u>
Dichlorobenzenes	<0.1 ppm	1.0 ppm
Trichlorobenzenes	<0.1 ppm	
Tetrachlorobenzenes	<0.1 ppm	
Pentachlorobenzenes	<0.1 ppm	
Hexachlorobenzenes	<0.1 ppm	
Chlorotoluenes	<0.1 ppm	
Dichlorotoluenes	<0.1 ppm	
Trichlorotoluenes	<0.1 ppm	
Tetrachlorotoluenes	<0.1 ppm	
Pentachlorotoluenes	<0.1 ppm	
Sum of Coc's	<0.1 ppm	

REMARK:

Detection Limit : 0.1 ppm

12. Pcp/tecpc

SASO GSO 1957, Clause 7

	<u>Woven Fabric</u>	<u>Requirement</u>
Pcp	Not Detected	0.5 ppm
Tecpc	Not Detected	0.5 ppm

REMARK:

Detection Limit = 0.05 ppm

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13. Odour Test

SASO GSO 1957 (Clause 14.2)

		<u>Requirement</u>
Rating	0	3

REMARK:

Odor Assessment :

0 = No perceptible off-odor

1 = Off-odor just perceptible

(But still difficult to define)

2 = Slight Off-odor

3 = Distinct Off-odor

4 = Strong Off-odor

14. Organic Tin compound

SASO GSO 1957, Clause 11

Light grey Woven Fabric

		<u>Requirement</u>
Tributyl Tin (Tbt) :	ND	1.0 ppm
Dibutyl Tin (Dbt) :	ND	1.0 ppm

REMARK:

ND = Not Detected

Detection Limit : 0.05 ppm

15. Labelling

VISUAL

		<u>Requirement</u>
Fiber Content	Present - Artwork	Present - Artwork
Washcare Label	Present - Artwork	
Arabic Words of Care Labeling	Present - Artwork	
Size	Present - Artwork	
Country of Origin	Present - Artwork	
Distribution Address	Present - Artwork	

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ARTWORK

SASO STANDARDS

MANUFACTURER /	SWAYAM NIRYAT	المصنع / المصدر
EXPORTER	swayamniryat@gmail.com	
	Ph. No : +91 9712966011	
BUYER	JAWAD SALEH BUSALEH	مشتري
PRODUCT NAME	INDO-TWILL	اسم المنتج
COMPOSITION / CONTENT	ART. 80% POLYESTER 20% VISCOSE	المكون / لون رقم
DESIGN / COLOR NO	1 TO 20	التصميم / اللون
WEIGHT (GSM)	175 (GSM (+/- 3%)	الوزن (GSM)
WIDTH	148 CM / 58 INCHES	عرض
LENGTH	ART. 25 YARDS / 22.9 METERS	الطول
PURPOSE OF USE	UNIFORMS DRESS / SLITTING	الغرض من الاستخدام
COUNTRY OF ORIGIN	INDIA	بلد المنشأ
DATE OF MANUFACTURE	MAY 2019	تاريخ التصنيع

WASHING AND IRONING CARE INSTRUCTIONS
تعليمات غسيل الملابس

WASHING AND IRONING CARE INSTRUCTIONS
تعليمات غسيل الملابس

WASH BELOW 40 DEGREE CELSIUS	WASH 40 درجة CELSIUS
DO NOT BLEACH	لا تستعمل مبيض
TUMBLE DRY LOW	تجفف منخفض جاف
IRON AT NORMAL TEMPERATURE	الحديد في درجة الحرارة العادية
DO NOT DRY CLEAN	لا تستخدم التنظيف الجاف
DO NOT WRING	لا تترك
DRY IN SHADE ONLY	جفف في الظل فقط

MADE IN INDIA المصنوع في الهند

CARTON LABEL ARTWORK

JAWAD BUSALEH

EXPORTER	SWAYAM NIRYAT
PRODUCT	Mail : swayamniryat@gmail.com
QUALITY NO	Tel # : +91 9712966011
CARTON NO.	80 % POLYESTER 20 % VISCOSE
COLOR NO	80 % بوليستر 20 % فيسكوزي
TOTAL PIECES	INDO-TWILL
TOTAL YARDS	
TOTAL METERS	
NET WEIGHT	
GROSS WEIGHT	
DATE OF MANUFACTURE	MAY 2019
COUNTRY OF ORIGIN	INDIA

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16. Allergenic Dyes

SASO GSO 1957, Clause 8.3 (SASO ISO 16373)

Reading1

	Grey Fabric	<u>Requirement</u>
Disperse 149	ND	0.006%
Disperse Blue 1	ND	
Disperse Blue 3	ND	
Disperse Blue 7	ND	
Disperse Blue 26	ND	
Disperse Blue 35	ND	
Disperse Blue 102	ND	
Disperse Blue 106	ND	
Disperse Blue 124	ND	
Disperse Orange 1	ND	
Disperse Orange 3	ND	
Disperse Orange 37/76	ND	
Disperse Red 1	ND	
Disperse Red 11	ND	
Disperse Red 17	ND	
Disperse Yellow 1	ND	
Disperse Yellow 3	ND	
Disperse Yellow 9	ND	
Disperse Yellow 39	ND	
Disperse 49	ND	
Disperse Brown	ND	
Disperse 23	ND	
Disperse Orange 149	ND	
Disperse Yellow 49	ND	
Disperse Brown 1	ND	
Disperse Yellow 23	ND	

REMARK:

ND = Not Detected

Detection Limit = 15 mg/kg

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17. Azo (Blend)

SASO GSO 1957, Clause 8.1 (SASO ISO 14362-2)

<u>Forbidden Amines</u>	<u>CAS-NO</u>	<u>RESULTS</u>	<u>Requirement</u>
4-AMINOBIIPHENYL	92-67-1	ND	≤20 ppm
BENZIDINE	92-87-5	ND	
4-CHLORO-O-TOLUIDINE	95-69-2	ND	
2-NAPHTHYLAMINE	91-59-8	ND	
O-AMINOAZOTOLUENE	97-56-3	ND	
5-NITRO - O - TOLUIDINE	99-55-8	ND	
P-CHLOROANILINE	106-47-8	ND	
2,4-DIAMINOANISOLE	615-05-4	ND	
4,4'-DIAMINODIPHENYLMETHANE	101-77-9	ND	
3,3'-DICHLOOROBENZIDINE	91-94-1	ND	
3,3'-DIMETHOXYBENZIDINE	119-90-4	ND	
3,3'-DIMETHYLBENZIDINE	119-93-7	ND	
3,3'-DIMETHYL-4,4' DIAMINOBIIPHENYLMETHANE	838-88-0	ND	
P-KRESIDIN	120-71-8	ND	
4,4'-METHYLENE-BIS-(2 CHLOROANILINE)	101-14-4	ND	
4,4'-OXYDIANILINE	101-80-4	ND	
4,4'-THIODIANILINE	139-65-1	ND	
O-TOLUIDINE	95-53-4	ND	
2,4-TOLUYENDIAMINE	95-80-7	ND	
2,4,5-TRIMETHYLANILINE	137-17-7	ND	
2-METHOXYANILINE	90-04-0	ND	
4-AMINOAZOBENZENE	60-09-3	ND	
2,6 XYLIDIN	87-62-7	ND	
2-4 XYLIDIN	95-68-1	ND	

REMARK:

Detection Limit = 5 ppm

ND = Not Detected

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18. Colour Fastness to Perspiration

SASO ISO 105-E04

Acid

			<u>Requirement</u>
Colour Change		4-5	3-4
COLOUR STAINING	Acetate	4-5	3-4
	Cotton	4-5	
	Nylon	4-5	
	Polyester	4-5	
	Acrylic	4-5	
	Wool	4-5	
	Viscose	4-5	

Alkaline

			<u>Requirement</u>
Colour Change		4-5	3-4
COLOUR STAINING	Acetate	4-5	3-4
	Cotton	4-5	
	Nylon	4-5	
	Polyester	4-5	
	Acrylic	4-5	
	Wool	4-5	
	Viscose	4-5	

END OF THE TEST REPORT

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