



ULR -TC-617620000042841F

**TEST REPORT****Report No. : CH:TX:1142042952****DATE : 22/12/2020****SWAYAM NIRYAT**

UNIT NO. C- 13/31, RED FLAG APPAREL PARK, B/H VENUS DENIMS  
MOTIPURA CROSS ROAD  
Gujarat, AHMEDABAD-382405  
IN

**CONTACT PERSON : SANJAY TIWARI****THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :**

<b>PRODUCT DESCRIPTION</b>	WOVEN FABRIC
<b>COLOUR</b>	EUROGUARD
<b>STYLE NO.</b>	NAVY (AS IDENTIFIED BY LABORATORY)
<b>ARTICLE NO.</b>	EUROGUARD
<b>END USE</b>	EUROGUARD
<b>FIBRE CONTENT</b>	UNIFORMS
<b>BUYER</b>	65% POLYESTER 35% VISCOSE
<b>COUNTRY OF DESTINATION</b>	<b>THE UNIFORM HUB</b>
<b>COUNTRY OF ORIGIN</b>	BAHRAIN
<b>SAMPLE RECD ON</b>	INDIA
<b>CARE LABEL INSTRUCTION</b>	15-Dec-2020 <b>TESTING PERIOD : 17/12/2020 - 22/12/2020</b> MACHINE WASH 40°C, NORMAL CYCLE, LINE DRY.

TESTS	PASS	FAIL	REMARKS
COLOUR FASTNESS TO WASHING			REFER RESULTS
COLOUR FASTNESS TO RUBBING			REFER RESULTS
COLOUR FASTNESS TO PERSPIRATION			REFER RESULTS
COLOUR FASTNESS TO WATER			REFER RESULTS
DIMENSIONAL CHANGE AFTER WASHING			REFER RESULTS
FIBRE CONTENT			REFER RESULTS
TENSILE STRENGTH			REFER RESULTS
TEAR STRENGTH			REFER RESULTS
PILLING			REFER RESULTS

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per pro SGS India Private Ltd.

G. NAGESWARA RAO

EXECUTIVE

Email your Test Report Related Enquiries at [Feedback.SLT@sgs.com](mailto:Feedback.SLT@sgs.com)

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## RESULTS

REQ

### COLOUR FASTNESS TO WASHING

ISO 105 C06:2010 A2S

(Temp.:40°C,Liq.Vol:150ml,Time: 30min.,Steel Balls:10,Detergent:4g/l,Sod.Perb.:1g/l.)

ECE Phosphate Detergent

COLOUR CHANGE	4
STAINING ON ACETATE	4-5
STAINING ON COTTON	4-5
STAINING ON NYLON	4-5
STAINING ON POLYESTER	4-5
STAINING ON ACRYLIC	4-5
STAINING ON WOOL	4-5

Remarks: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good

### COLOUR FASTNESS TO RUBBING

ISO 105X12:2016

DRY	4-5
WET	3-4

### COLOUR FASTNESS TO PERSPIRATION

ISO 105 E04:2013

	ACIDIC	ALKALINE
COLOUR CHANGE	4-5	4-5
STAINING ON ACETATE	4	4
STAINING ON COTTON	4-5	4-5
STAINING ON NYLON	3-4	3-4
STAINING ON POLYESTER	4	4
STAINING ON ACRYLIC	4-5	4-5
STAINING ON WOOL	4-5	4-5

### COLOUR FASTNESS TO WATER

ISO 105 E01:2013

COLOUR CHANGE	4-5
STAINING ON ACETATE	4
STAINING ON COTTON	4-5
STAINING ON NYLON	3
STAINING ON POLYESTER	4
STAINING ON ACRYLIC	4-5
STAINING ON WOOL	4-5

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## RESULTS

REQ

### DIMENSIONAL CHANGE AFTER WASHING

ISO 3759:2011/ISO 5077:2007/ISO 6330:2012 -4N

(Machine Wash,40°C,Normal Cycle,Line Dry)

Detergent: 20g (ECE Non Phosphate, Sod.Perb,Taed=77:20:3)

WARP/LENGTH -0.5%

WEFT/WIDTH -0.8%

Remarks :

(+) Means extension

(-) Means shrinkage

### FIBRE CONTENT

In accordance with Regulation (EU) No 1007/2011

Based on Moisture Regain

POLYESTER 68.0%

VISCOSE 32.0%

Note: 1) Moisture regain value for Polyester is 1.5% and for Viscose is 13.0%.

2) Regain values taken as per Directive 2008/121/EC.

### TENSILE STRENGTH

ISO 13934-2:2014 (1 Inch Grab)

Type of Machine used: CRE

WARP 593.6 N

WEFT 571.5 N

### TEAR STRENGTH

ISO 13937-1:2000 / Cor1:2004

WARP YARNS TORN 52.3 N

WEFT YARNS TORN 51.5 N

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## R E S U L T S

## REQ

**PILLING****ISO 12945-2:2000****(Machine Wash,40°C,Normal Cycle,Line Dry)**

After one Wash/as per ISO 6330:2012

(Martindale Pilling Tester)

AFTER 125 RUBS.	4-5
AFTER 500 RUBS	4-5
AFTER 1000 RUBS	4
AFTER 2000 RUBS	4

**INTERPRETATION**

- 5 : No Change.
- 4 : Slight surface fuzzing and / or partially formed pills.
- 3 : Moderate surface fuzzing and / or moderate pilling. Pills of varying size and density partially covering the specimen surface.
- 2 : Distinct surface fuzzing and / or distinct pilling. Pills of varying size and density covering a large proportion of the specimen surface.
- 1 : Dense surface fuzzing and / or severe pilling. Pills of varying size and density covering the whole of the specimen surface.

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## R E S U L T S

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\*\*\*\*\* End of Report \*\*\*\*\*