



Test Report

No.: [Redacted]

Date: Jun 12, 2017 [Redacted]

Test Results:

Fiber Content

(AATCC 20A-2014; based on moisture regain weight)

| | (A) | <u>Specified Requirement</u> |
|-----------|-------|------------------------------|
| Polyester | 63.1% | 65%±3% |
| Rayon | 32.6% | 32%±3% |
| Spandex | 4.3% | 3%±2% |

Note:

(1) Based on ASTM D1909-13, moisture regain of Polyester 0.4%, Rayon 11.0%, Spandex 1.3%

Flammability Test of Clothing Textiles (16 CFR Part 1610 - October 20, 2008 Edition)

Sample : A
Fabric Surface : Raised
Test Specimen Direction : Length

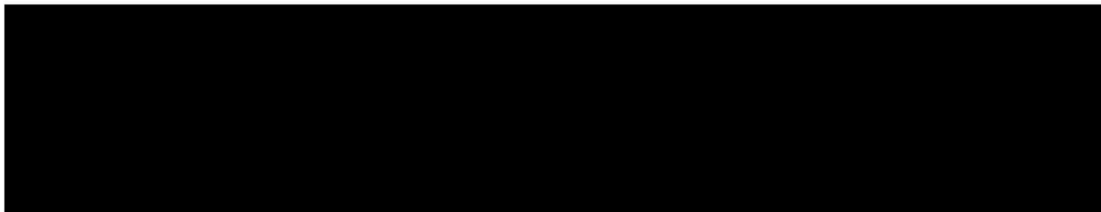
| | <u>As Received</u> | | | <u>After Dry-cleaning and Laundering*</u> | |
|-----|----------------------------|------------------|-----|---|------------------|
| | <u>Flame Spread (sec.)</u> | <u>Burn Code</u> | | <u>Flame Spread (sec.)</u> | <u>Burn Code</u> |
| (1) | -- | SFpoi | (1) | -- | SFpoi |
| (2) | -- | SFpoi | (2) | -- | SFpoi |
| (3) | -- | SFpoi | (3) | -- | SFpoi |
| (4) | -- | SFpoi | (4) | -- | SFpoi |
| (5) | -- | SFpoi | (5) | -- | SFpoi |

Flammability Classification : Class 1

Remarks : Class 1 Normal Flammability
 Class 1 textiles exhibit normal flammability and are acceptable for use in clothing.
 * Drycleaning / Laundering procedure is according to 16 CFR 1610:6(b).

Burn Code Description:

SFpoi = Surface flash, at point of impingement only.





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Component List / List of Materials

| Sample No. | Material No. | Component | Material | Color | Fiber Type * | Remark |
|------------|--------------|--|----------|-------|--------------|--------|
| A | 1 | Navy- brown- light brown- green- light green- purple- beige printed white fabric | Textile | | NA | / |
| B | 2 | Navy printed ecru fabric | Textile | | NA | / |
| C | 3 | Brown - light brown- purple- navy- beige printed white fabric | Textile | | NA | / |

Formaldehyde Spot Test

Method: TM-5 method.

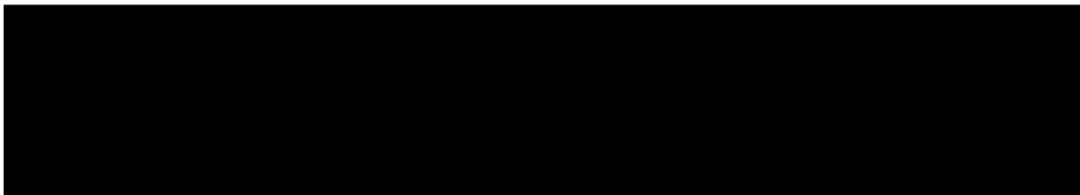
| Test | CAS No. | 1 | 2 | 3 | Requirement |
|--------------|----------|----------|----------|----------|-----------------|
| Formaldehyde | 50-00-00 | Negative | Negative | Negative | Negative |

Remark Negative = Does not detect formaldehyde.
 Positive = May contain formaldehyde. The test result needs to be further confirmed by chemical test.

pH Value of Textile

Method: According to AATCC 81-2012

| Test | CAS No. | 1 | 2 | 3 | Requirement |
|----------|---------|-----|-----|-----|---------------------------------------|
| pH value | -- | 7.3 | 7.2 | 7.3 | All Other Colorways: 6.0 – 8.0 |





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Fabric Weight Per Unit Area (ASTM D3776/D3776M-2009a(2013); Option C)

(oz/sq.yd.) 5.66
(g/sq.m.)

192

Specified Requirement

180 g/ sq.m ± 5%

Bursting Strength (ASTM D3786/D3786M-2013, Tru- Burst Tester)

(lb/in²) 66.1

Specified Requirement

Min. 40 lb/in²

Thread Count Per Inch (ASTM D3887-1996(2008))

Wales 36
Courses 44

Specified Requirement

/

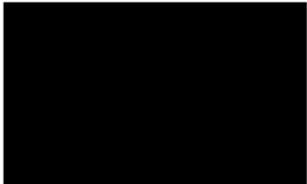
Yarn Count (ASTM D1059-2001)

17.0 tex (34.8 's/1) + 12.9 tex (45.9 's/1)

Specified Requirement

/





Test Report

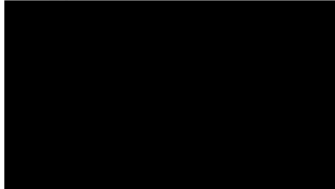
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Stretch Properties of Knitted Fabrics Having Low Power (ASTM D2594-2004(2012)modified)

| | | <u>Specified Requirement</u> |
|---|----|------------------------------|
| <u>Fabric stretch at 4 lb tension</u> | | |
| Lengthwise (%) | 48 | / |
| Widthwise (%) | 57 | |
| <u>Fabric growth after stretched to specified extension</u> | | |
| <u>After 1 min. recovery</u> | | |
| Lengthwise (%) | 1 | / |
| Widthwise (%) | 3 | |
| <u>After 30 mins recovery</u> | | |
| Lengthwise (%) | 1 | / |
| Widthwise (%) | 2 | |
| <u>Fabric recovery after stretched to specified extension</u> | | |
| <u>After 30 mins recovery</u> | | |
| Lengthwise (%) | 95 | Min. 85% |
| Widthwise (%) | 92 | |

Signed for and on behalf of



*** End of Report ***

