



Textile Testing

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TESTING CERT. #3193.01

Report Number: 49571

Date: 12-15-2011

For the Account Of: Bru Textiles
Satenrozen 2a
B-2550 Kontich
Belgium
Contact: Tineke Verbruggen

Client's Identification: Helio

**Test Performed Dimensional Changes in Laundering of Woven and Knitted Fabrics Except Wool
AATCC 96-2009**

TEST DATA

		Dimensional Change (Warp)	Dimensional Change (Fill)	Smoothness Appearance Rating	Pilling Rating	Color Change Rating	Snagging Rating
Laundering #1	Sample #1	-2.0%	-0.5%	SA 3.0	5.0	5.0	5.0
	Sample #2	-2.0%	-0.5%	SA 3.0	5.0	5.0	5.0
	Sample #3	-2.0%	-0.5%	SA 3.0	5.0	5.0	5.0
Laundering #3	Sample #1	-3.3%	-0.5%	SA 3.0	5.0	5.0	5.0
	Sample #2	-2.5%	-0.5%	SA 3.0	5.0	5.0	5.0
	Sample #3	-3.0%	-0.5%	SA 3.0	5.0	5.0	5.0
Laundering #5	Sample #1	-3.3%	-0.5%	SA 3.0	5.0	4.0	5.0
	Sample #2	-2.5%	-0.5%	SA 3.0	5.0	4.0	5.0
	Sample #3	-3.0%	-0.5%	SA 3.0	5.0	4.0	5.0

Water Temperature:

- Test Ic - 105°F (40°C)
- Test IIc - 125°F (51°C)
- Test IIIc - 140°F (63°C)
- Test IVc - 160°F (74°C)
- Modified: _____

Drying Method:

- A. Tumble
 - Low
 - Normal
- B. Line
- C. Drip

Restoration Procedure:

- 0 - None
- 1 - Hand Iron
- 2 - Flatbed Press (Not available)

Size Samples Used:

- 12"x12"
- 40cm x 40cm
- 60cm x 60cm
- Whole article tested
- Other _____

NOTES

Detergent Used: AATCC Reference Detergent

Load Size: 1.8 kg

ABBREVIATIONS USED

- Denotes shrinkage
- + Denotes growth
- NR - Not Requested for Evaluation

RATING SYSTEMS

Smoothness

(Graded with AATCC 3-D Smoothness Appearance Replicas)

- 5 - Very smooth, pressed finished appearance
- 4 - Smooth, finished appearance
- 3.5 - Fairly smooth, but nonpressed appearance
- 3 - Mussed, nonpressed appearance
- 2 - Rumpled, obviously wrinkled appearance
- 1 - Crumpled, creased and severely wrinkled appearance

Pilling

(Graded with ADJD3512 Photographic Standards)

- 5 - No Pilling
- 4 - Slight Pilling
- 3 - Moderate Pilling
- 2 - Severe Pilling
- 1 - Very Severe Pilling

Color

(Graded with AATCC Gray Scale for Color Change)

- 5 - No fading/color change
- 4 - Slight fading/color change
- 3 - Noticeable fading/color change
- 2 - Considerable fading/color change
- 1 - Excessive fading/color change

Snagging

(Graded with ICI Photographic Standards)

- 5 - No Snagging
- 4 - Slight Snagging
- 3 - Moderate Snagging
- 2 - Severe Snagging
- 1 - Very Severe Snagging

CERTIFICATION: I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

Authorized Signature