**CENTER**
FOR PHYSICAL SCIENCES
AND TECHNOLOGY

*LIETUVOS*
*NACIONALINIS*
*AKREDITACIJOS*
*BIURAS*

**BANDYMAI**
**ISO/IEC 17025**
Nr. LA. 01.048

**SRI Center for Physical Sciences and**
**Technology**
**Textile Institute**
TEXTILES TESTING LABORATORY

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| **TEST REPORT** | Page 1 from 4 |
|---|---|

Customer

**Date of receipt:** 2013 02 12
**Date of performance of tests:** 2013 02 22

## Identification and description of the sample:

| Identification code of sample given by laboratory | Description | Data declared by customer |
|---|---|---|
|  |  |  |

*For testing presented:* a piece of woven fabric, approximately (150x150) cm.

## Sampling:

The samples were selected by customer. There is no information about the sampling method.

## Required tests:

2) * abrasion resistance          LST EN ISO 12947-2: 2001

**\*** - **test is not accredited**

| Issue date 2013 02 22 | |
|---|---|

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## ABRASION RESISTANCE

**Tested sample:**                          **identification code** ████████

**Test method:**                            LST EN ISO 12947-2: 2001
**Test conditions:**
Apparatus:                                  Abrasion and Pilling tester Nu-Martindale 406
Mass used in the test:                      (795±7)g
Number of test specimens:                   3
The nominal pressure used in the test:      12 kPa
Type of fabric:                             pile fabric

Conditioning and testing of samples: standard atmospheres – temperature $(20 \pm 2)$ $^0$C, relative humidity $(65 \pm 4)$ % (according to LST EN ISO 139: 2006).

## RESULTS

Specimen breakdown point in **pile fabrics** is reached when the pile is fully worn off.

| Specimen No. | Test interval, in **abrasion rubs**, in which breakdown occurs |
|---|---|
| 1 | **> 2 000 ≤ 3 000** |
| 2 | **> 2 000 ≤ 3 000** |
| 3 | **> 2 000 ≤ 3 000** |

**Additional information:** according to an agreement with customer test was proceeded till 120 000 rubs or two separate threads were completely broke). The results were:

| Specimen No. | Test interval, in **abrasion rubs**, in which two separate threads were completely broken |
|---|---|
| 1 | **> 120 000** |
| 2 | **> 120 000** |
| 3 | **> 120 000** |