

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

ABRASION RESISTANCE

Tested sample: identification code 241-13/2

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 $(20 \pm 2) ^\circ\text{C}$, 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	> 5 000 ≤ 6 000
2	> 5 000 ≤ 6 000
3	> 5 000 ≤ 6 000

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



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