



Textilní zkušební ústav, s.p.

(Textile Testing Institute)
Václavská 6, 65841 Brno, Česká republika

TESTING LABORATORY NO. 1001
accredited according to EN ISO/IEC 17025:2005 by Czech institute for accreditation

TEST REPORT

AZL 18 / 0800

CUSTOMER : Englisch Dekor HandelsgmbH & CO.KG
Scheydgasse 29
1210 Wien
Austria

SAMPLE : Upholstery FR – A1941 – A1970 + wooly, 360 g/m²
(according to the customer order) Fibre composition: 55% polyester FR, 31% acryl, 14% polyamide

SUBJECT OF ASSESSMENT :

Pilling, abrasion resistance

**CONDITIONS OF
APPLICATION OF THE TEST
REPORT :**

Test Report contains results of the tests related to the submitted sample only. Sampling has been done by customer. The Report may not be reproduced in any way other than as a complete set. Reproduction of certain parts of the Report is subject to approval of the test laboratory, which has issued it. All information about subcontracted tests results or unaccredited test methods is presented in text part of the test report. This Report is a literal translation of the Czech version.

PREPARED BY :
CHECKED BY :
NUMBER OF PAGES :

Čermáková *Čermáková*
Tichá *Tichá*
3

**DATE OF
ACCEPTANCE :**
30.07.2018

**DATE OF
EXAMINATION :**
28.09.- 18.10.2013

**DATE OF
ISSUE :**
31.07.2018



+420 543 426 713
+420 543 426 742
<http://www.tzu.cz>
azl@tzu.cz



Textilní zkušební ústav, s.p.

AZL 18 / 0800

page 2

PROCEDURE OF ASSESSMENT

Textiles - Determination of fabric propensity to surface fuzzing and to pilling

Part 2 : Modified Martindale method

was determined according to **EN ISO 12945-2**

- Conditioning : relative humidity $(65 \pm 5) \%$, temperature $(20 \pm 5)^\circ\text{C}$
- Standard atmosphere for testing: relative humidity 46 %, temperature 23°C
- Abrasion machine : Martindale - modified. according to EN ISO 12945-2
- Abrasive fabric : standard wool fabric
- Total load : $(415 \pm 2) \text{ g}$
- Number of specimen tested : 3

Assessment by photographic etalons EMPA standard SN 198525 W3

Results: resistance to pilling expressed in grade

Textiles - Determination of the abrasion resistance of fabrics by the Martindale method

Part 2 : Determination of specimen break down

was determined according to **EN ISO 12947-2**

- Conditioning : relative humidity $(65 \pm 5) \%$, temperature $(20 \pm 5)^\circ\text{C}$
- Standard atmosphere for testing: relative humidity 46 %, temperature 23°C
- Abrasion machine : Martindale SDL, type M 235
- Load used : $(795 \pm 7) \text{ g}$
- Pressure of 12 kPa

Results: average number of revolutions, when the sample wasn't damaged





Textilní zkušební ústav, s.p.

AZL 18 / 0800

page 3

TEST RESULTS:

Upholstery FR – A1941 – A1970 + wooly, 360 g/m ² Fibre composition: 55% polyester FR, 31% acryl, 14% polyamide			
Characteristics	Testing method	Measuring unit	Values identifiant
Pilling • number of cycles - 500 revolutions - 1 000 revolutions - 2 000 revolutions - 5 000 revolutions	EN ISO 12945-2	grade	5 5 5 5
Abrasion resistance • The test was finished at (sample wasn't damaged) - sample No. 1 - sample No. 2 - sample No. 3 - sample No. 4 • standard error of measurement for level of reliability 95%	EN ISO 12947-2	number of revolutions number of revolutions	100 000 100 000 100 000 100 000 0

The results are taken from Test reports No. FZZ 13/0860

Petr Nasadil
Head of Testing Laboratory

