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Test report 134/25

Klob/Reh.

22/05/2025

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Customer: Ms. Meike Ludwig
 Assignment from: 06/05/2025
 Received: 07/05/2025

Assignment:

No.	Test	Standard Test conditions
1.	Abrasion resistance of fabrics by Martindale method – Part 2: Determination of specimen breakdown	DIN EN ISO 12947-2:2017-03 (procedure) [accredited test method] DIN EN 14465:2006-09 (evaluation) Abradant: abradant fabric according to DIN EN ISO 12947-1 (wool) Nominal pressure: 12 kPa

Sample:

1 upholstery fabric

Coding for test	Identification by customer
Sample 1	Article 11037
Sample 2	Article 11038
Sample 3	Article 19643

Sampling: The samples were taken by the customer.

Realisation of the test: The measurement samples were taken and tested in compliance with the above-mentioned regulations.

Testing period: 08/05/2025 - 20/05/2025

Durch die DAkkS
 Deutsche Akkreditierungsstelle GmbH
 akkreditiertes Prüflaboratorium

In der Anlage zur Akkreditierungsurkunde sind alle akkreditierten Prüfverfahren aufgeführt. Auf Wunsch wird die Urkunde zugestellt.



Test results:Abrasion resistance**Sample 1**

at 3,000 rubs	The pile is somewhat abraded and is pressed downwards change in colour: grade 4
at 50,000 rubs	The pile is heavily abraded, no thread is destroyed
at 60,000 rubs	The pile is heavily abraded, more than 3 threads are destroyed

The grade 5 represents the best grade and the grade 1 the worst grade when evaluating the change in colour.

For the classification according to DIN EN 14465, the number of destroyed threads or the abrasion surface of the pile is evaluated. Whichever comes first. 3 threads must be destroyed or the entire surface of the pile must be abraded.

The quoted result shall be defined as the lowest individual test result of all test specimen tested.

The fabric can be classified in **category A** according to DIN EN 14465 with regard to abrasion resistance.

Sample 2

at 3,000 rubs	The surface is slightly abraded change in colour: grade 4-5
at 10,000 rubs	The surface is abraded, No thread is destroyed
at 12,000 rubs	3 threads of the ground are destroyed

The grade 5 represents the best grade and the grade 1 the worst grade when evaluating the change in colour.

For the classification according to DIN EN 14465, the number of destroyed threads or the abrasion surface of the pile is evaluated. Whichever comes first. 3 threads must be destroyed or the entire surface of the pile must be abraded.

The quoted result shall be defined as the lowest individual test result of all test specimen tested.

The fabric can be classified in **category C** according to DIN EN 14465 with regard to abrasion resistance.

Sample 3

at 3,000 rubs The pile is abraded completely,
change in colour: grade 2-3t2 (t = tendency)

The grade 5 represents the best grade and the grade 1 the worst grade when evaluating the change in colour.

For the classification according to DIN EN 14465, the number of destroyed threads is evaluated. 3 threads must be destroyed.

The quoted result shall be defined as the lowest individual test result of all test specimen tested.

The fabric can not be classified in one of the categories according to DIN EN 14465 with regard to abrasion resistance.

Enclosed you will find test samples of each of the specified number of rubs.

The testing results are exclusively related to the sample under conditions as received.

Without written permission of the testing laboratory it is inhibited to copy this report partially.



Dr Klobes
Head of the Testing Centre

Enclosure: stressed test samples