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**Test report 234/23**

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20/07/2023

page 1 of 2

Customer: Ms. Oda Nimmer  
 Assignment from: 03/07/2023  
 Received: 04/07/2023

Assignment:


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

Sample:

Coding for test	Identification by customer
Sample 1	<u>Cut pile fabric</u> Article 10982 Material composition: ground: 72 % CO, 28 % PES pile: 40 % WS, 32 % CO, 18 % SE, 10 % PES

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.

<p>Durch die DAkkS          Deutsche Akkreditierungsstelle GmbH          akkreditiertes Prüflaboratorium</p> <p>In der Anlage zur Akkreditierungsurkunde sind alle akkreditierten Prüfverfahren aufgeführt. Auf Wunsch wird die Urkunde zugestellt.</p>	 <p>Deutsche Akkreditierungsstelle          D-PL-19649-01-00</p>
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Testing period: 18/07/2023 – 19/07/2023

Test results:

Abrasion resistance

at 3 000 rubs	pile is clearly abraded
	change in colour: grade 2-3
at 10 000 rubs	pile is very strongly worn off
at 12 000 rubs	pile is totally worn off

The evaluated abrasion interval is 10 000 rubs.

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

The worn off area of cut pile fabrics is evaluated for the classification according to DIN EN 14465. Breakdown point is reached when the worn off area is met. The quoted result shall be defined as the lowest individual test result of all test specimen tested.

The individual test results are expressed as the number of rubs of the inspection interval prior to the end-point of each test specimens being reached.

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

Enclosed you will find a test sample of each of the specified number of rubs for your perusal.

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