



Confidential Report

Our Ref: 29/03617C/06/25



Date: 23 July 2025

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Client: **Kvadrat A/S**

Lundbergsvej 10
8400 Edeltoft
Denmark

Job Title: Pilling Test on One Sample of Fabric

Clients Order Ref: --

Date of Receipt: 23 June 2025

Description of Sample: One sample of fabric, referenced; Twisted Flower, stated to be: 90% new wool, worsted, 10% nylon.

Work Requested: We were asked to make the following test(s):

Pilling - BS EN ISO 12945-2

- * subcontracted test, UKAS accredited
- ** subcontracted test, EN ISO/IEC 17025 accredited
- *** not UKAS accredited



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Note: This report relates only to the items tested.

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Our laboratories are accredited to EN ISO/IEC 17025.

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Determination of Fabric Propensity to Surface Pilling, Fuzzing or Matting – Modified Martindale Method

Date of test: 08/07/25

Three specimens from each sample were tested on a modified Martindale Abrasion Machine tested against self (face/face) and a loading weight of 415 ± 2g, as stated in Annex A, Table A.1, following the Category 1 procedure for upholstery fabrics described in BS EN ISO 12945-2:2020.

Pre-treatment: none

Deviations/ unusual features: --

The tested specimens were visually assessed by two observers and rated according to BS EN ISO 12945-4:2020.

No. of pilling rubs	Pilling Results				Fuzzing Results				Matting Results			
	1	2	3	Mean	1	2	3	Mean	1	2	3	Mean
125	5	5	5	5	4-5	5	5	5	5	5	5	5
500	4-5	4-5	4-5	4-5	5	5	5	5	5	5	5	5
1000	4-5	5	5	5	4-5	5	5	5	5	5	5	5
2000	4-5	5	5	5	4-5	5	5	5	5	5	5	5
5000	4-5	5	5	5	4-5	5	5	5	5	5	5	5
7000	4-5	5	5	5	4-5	4-5	4-5	5	5	5	5	5

Expanded uncertainty of measurement where k= 2 (approximately 95% confidence level) = ± 0.5 grading units



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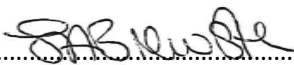
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Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (<https://www.bttg.co.uk/about-us/decision-rules-policy/>) for further information.

Reported by:  K Marshall, Section LeaderCountersigned by:  J Brewster, Section Leader

Enquiries concerning this report should be addressed to Customer Services.



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Uncertainty Budget

The overall uncertainty budget for BS EN ISO 12945-2 is as follows:-

± 0.5 Grade



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