

CONFIDENTIAL TEST REPORT

Our Ref : 27400
Your Ref : LH/lh

Page 1 of 2
9 September 2010

Client: Kvadrat A/S
Lundbergsvej 10
8400 Ebeltoft
Denmark

Job Title: Determination of Pilling Propensity On One Fabric Sample

Client's order no.:
Date of receipt: 20 August 2010
Date of test start: 25 August 2010

Description of sample(s): One sample of upholstery fabric, reference:-
Waterborn, 85% polyester, 15% polyurethane

Work requested: Shirley Technologies Ltd. was requested to carry out a pilling test to EN ISO 12945-2 on the sample/s supplied.

UKAS Accreditation: Our Laboratories are UKAS accredited. However, it should be noted that tests marked * are not UKAS accredited in this report and are not included in the UKAS Accreditation Schedule for our laboratory, either due to the work not conforming fully to the standard (e.g. reduced number of specimens) or to it being outside the scope of our accreditation, or subcontracted

Testing Atmosphere: Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles (BS EN ISO 139:2005) of 65±4% r.h. and 20±2°C.

This report is incomplete without all the pages specified above, together with a copy of our conditions of sale. Results of all tests quoted in this report, issued by the Company, relate only to the sample/s supplied and should not be construed or interpreted in any other way.



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Wira House, West Park Ring Road, Leeds LS16 6QL, UK.
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Determination of Fabric Propensity to Surface Fuzzing and to Pilling – Modified Martindale Method (*)

Specimens from the sample were tested on a modified Martindale Abrasion Machine, using wool abrasant fabric and a loading weight of $415 \pm 2g$, as stated in Annex A, Table A.1, following the Category 1 procedure for Upholstery fabric described in BS EN ISO 12945-2:2000.

The specimens were tested to a total of 5,000 rubs and visually assessed at intervals.

<u>Number of rubs</u>	<u>Pilling grade</u>	<u>Description</u>
500	4-5	slight surface fuzzing
1,000	4-5	slight surface fuzzing
2,000	4-5	slight surface fuzzing
5,000	4	slight surface fuzzing, partially formed pills

(*) test subcontracted to UKAS laboratory number 1516.

The information contained on page no's 1/2 of this certificate is hereby certified to be a correct statement of the tests and investigations carried out by Shirley Technologies Ltd. on the materials referred to.

Signed..... *L I Butler* Date..... *9.9.10*

L I Butler (Mrs)
Senior Technician - Textiles

Signed..... *J M Bullers* Date..... *9.9.10*

J M Bullers (Mrs)
Operational Head - Textiles

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