

Confidential Report

Our Ref: 23/64438B/01/26

ilac-MRA

UKAS
TESTING
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Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
Telephone: +44 (0) 113 259 1999
Email: onestopshop@bttg.co.uk
Website: www.bttg.co.uk

Date: 06 February 2026

Our Ref: 23/64438B/01/26
Your Ref: --

Client: **Kvadrat A/S**

Lundbergsvej 10
8400 Ebeltoft
Denmark

Job Title: Fire Test on One Fabric Sample

Clients Order Ref:

Date of Receipt: 22 January 2025

Date Test Started: 02 February 2026

Description of Sample: One sample of fabric, which was referenced by the client as;

Hafnon, 100% mohair (cotton base)

Work Requested: We were asked to make the following fire test:

Schedule 4, Part 1, "The Cigarette Test" and Schedule 5, Part 1, "The Match Test" of The Furniture and Furnishings (Fire) (Safety) Regulations 1988.

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

Note: This report relates only to the items tested.

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Testing to Schedule 4, Part 1, "The Cigarette Test" and Schedule 5, Part 1, "The Match Test" of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (as amended by SI 1989 No. 2358, SI 1993 No. 207 & SI 2010 No. 2205), using BS 5852:Part 1:1979

Pre-Treatment

The material received no pre-treatment as the fabric is stated to not have an FR treatment.

Conditioning

All materials used were conditioned in the environment specified in Clause 7 of BS 5852: Part 1: 1979 "Methods of test for the ignitability by smoker's materials of upholstered composites for seating."

Testing

The material was tested according to BS 5852: Part 1: 1979 "Methods of test for the ignitability by smoker's materials of upholstered composites for seating."

The results of BS 5852: Part 1: 1979 relate only to the ignitability of the combination of materials under the particular conditions of test, they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Cigarette Test – Source 0 - The sample was tested over non-fire retardant polyurethane foam with a density of approximately 20-22kg/m^3.

Butane Flame Test – Source 1 - The sample was tested over non-fire retardant polyurethane foam with a density of approximately 20-22kg/m^3.

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Results of Cigarette Test – Source 0

Specimen No.	1	2
Time of Ignition (min)	--	--
Extinction Time (Smouldering) (min)	DNP	DNP
Time to cover split (min)	DNS	DNS
Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Progressive smouldering on final inspection	No	No

Requirements - No flaming or progressive smouldering within a period of 1 hour from placement of the cigarette.

Result of the Cigarette Test: Pass.

Results of Butane Flame (Match) Test – Source 1

Specimen No.	1	2
Time of Ignition (sec)	3	3
Time of Flame Extinction (sec)	1	1
Time to cover split (sec)	DNS	DNS
Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Progressive smouldering on final inspection	No	No

Requirements - Duration of flaming from removal of source not greater than 120 seconds. Duration of smouldering from removal of source not greater than 15 mins.

Result of the Butane Flame (Match) Test: Pass.

Acronyms

DNP – Did not propagate
DNS – Material did not split
EC – Escalating combustion
DNO – Did not observe time of event
ME – Manually extinguished
BTE – Burnt to extremities
ES – Escalating smouldering

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Comments

The sample meets the flammability requirements of Schedule 4, Part 1, "The Cigarette Test" of the Furniture and Furnishings (Fire) (Safety) Regulation 1988 (as amended) S.I. No. 1324.

The sample meets the flammability requirements of Schedule 5, Part 1, "The Match Test" of the Furniture and Furnishings (Fire) (Safety) Regulation 1988 (as amended) S.I. No. 1324.

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.

Uncertainty Budget

Timings:	±2 seconds.
Measurements:	±2mm.

Reported by:..... R Walls, Laboratory Technician

Countersigned by:..... B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.

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