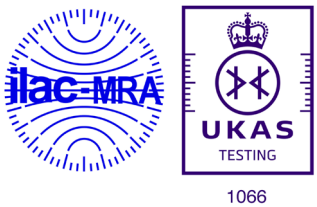


Confidential Report

Our Ref: 23/64438D/01/26



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: 23/64438D/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 2026

Date Test Started: 05 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:

BS 5852: Clause 11:2006 (2011)

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

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This report relates only to the items tested.
All tests were carried out in the laboratories in Leeds, unless otherwise indicated.

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Testing BS 5852: Clause 11: 2006 (2011) Assessment of the ignitability of upholstered seating by Smouldering and Flaming sources – Source 5 (Crib 5)

Pre-Treatment

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

Conditioning

The sample was conditioned in the environments specified in Clause 10 of BS 5852: 2006 (2011).

Testing

The material was tested according to BS 5852:2006 (2011) Methods of test for the ignitability of upholstered composites for seating by flaming sources using Source 5 (Crib 5).

The sample was tested at 19°C and 37% relative humidity (R.H.).

The sample was tested over combustion modified polyurethane foam with a density of approximately 34-36kg/m^3.

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Results

The following test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

	Specimen 1	**Specimen 1**
Time of Ignition (mins/secs)	0.04	0.07
Time of Flame Extinction (mins/secs)	4.35	4.09
Time of Smoke Extinction (mins/secs)	6.42	6.28
Time of cover split (mins/secs)	DNS	DNS
Extent of damage (mm) - Seat		
Width	110	87
Length	71	62
Depth	26	34
Extent of damage (mm) - Back		
Width	109	89
Depth	20	21
Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Comments and Observations	DNS	DNS
Specimen Result (Ignition or Non-ignition)	**Non-Ignition**	**Non-Ignition**

Acronyms

ME – Manually extinguished
DNO – Did not observe time of events
EC – Escalating combustion
BTT – Burnt through thickness of foam
DNS – Material did not split
BTE – Burnt to extremities

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Client: **Kvadrat A/S**

Comment

The results indicate 'Non-Ignition' of the materials and the test is designated NI/5 (ie. Pass).

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.
Weight:	±2g.

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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