

# Test report

Report no.:  
A738423-1



DANISH  
TECHNOLOGICAL  
INSTITUTE

Gregersensvej  
DK-2630 Taastrup  
+45 72 20 20 00  
Info@teknologisk.dk  
www.teknologisk.dk

Page 1 of 3  
Init: LDKR/LELN/AC  
Order no.: 738423  
Appendix: 1

- Assigner:** Contact person: Lone Henriksen  
Company: Kvadrat A/S  
Address: Lundbergsvej 10  
City: DK-8400 Ebeltøft
- Material:** Combination of upholstered material tested:  
**Cover:** Sample of woven upholstery fabric, designated: Basel  
Fibre composition: 90 % new wool/ 10% Nylon.  
Approximate mass per area unit: 367 g/m<sup>2</sup>  
**Filling:** Non flame-retardant polyurethane foam designated, E22120.  
Approximate density: 22 kg/m<sup>3</sup>. The foam is delivered from the Institute.
- Sampling:** The material for testing was submitted by the assigner and received on Danish Technological Institute 10 January 2017.
- Period:** The testing was completed 18 January 2017
- Test method:** Testing of ignitability according to the Cigarette Test specified in Part I of Schedule 4 of the Furniture and Furnishings (Fire)(Safety) Regulations 1988 (amended 1989/1993/2010), (Great Britain).  
Ignition source: Smouldering cigarette  
Details of the test are given on page 2 in this report.
- Results:** The upholstery fabric under test **meets (PASSES)** the requirements specified in Schedule 4, Part I of the Furniture and Furnishings (Fire)(Safety) Regulations 1988, amended 1989/1993/2010, (GB).
- Storage:** The tested material will be stored for 3 months after completion of the test unless longer is pre-agreed in writing.
- Terms:** The test has been performed according to the rear side conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation), cf. [www.danak.dk](http://www.danak.dk), and according to Danish Technological Institute's general terms and conditions at the time of order confirmation. The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.
- Place:** 18 January 2017, Danish Technological Institute, Taastrup, Textile

**Signature:**

Lone Dahl Kristensen  
Ph. Direct: +45 72 20 22 84  
E-mail: lone.dahl.kristensen@teknologisk.dk

Signatory

Lea Larsen  
Ph. Direct: +45 72 20 21 36  
E-mail: lea.larsen@teknologisk.dk

Counter-signatory



Test Reg. nr. 2



**Results,  
continued:**

The test results 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.

The samples were tested in accordance to Schedule 4, Part I of the Furniture and Furnishings (Fire)(Safety) Regulations 1988 (amended 1989/1993/2010), (Great Britain).

Test method: BS 5852:Part1:1979 – Fire test for Furniture  
Ignition source: Smouldering cigarette.

Conditioning atmosphere: 23±2 °C / 50±5 % RH.

**Test result:** **Non-ignition > PASS**

No observation of progressive flaming or smouldering within the 60 minutes of the placement of the cigarette.

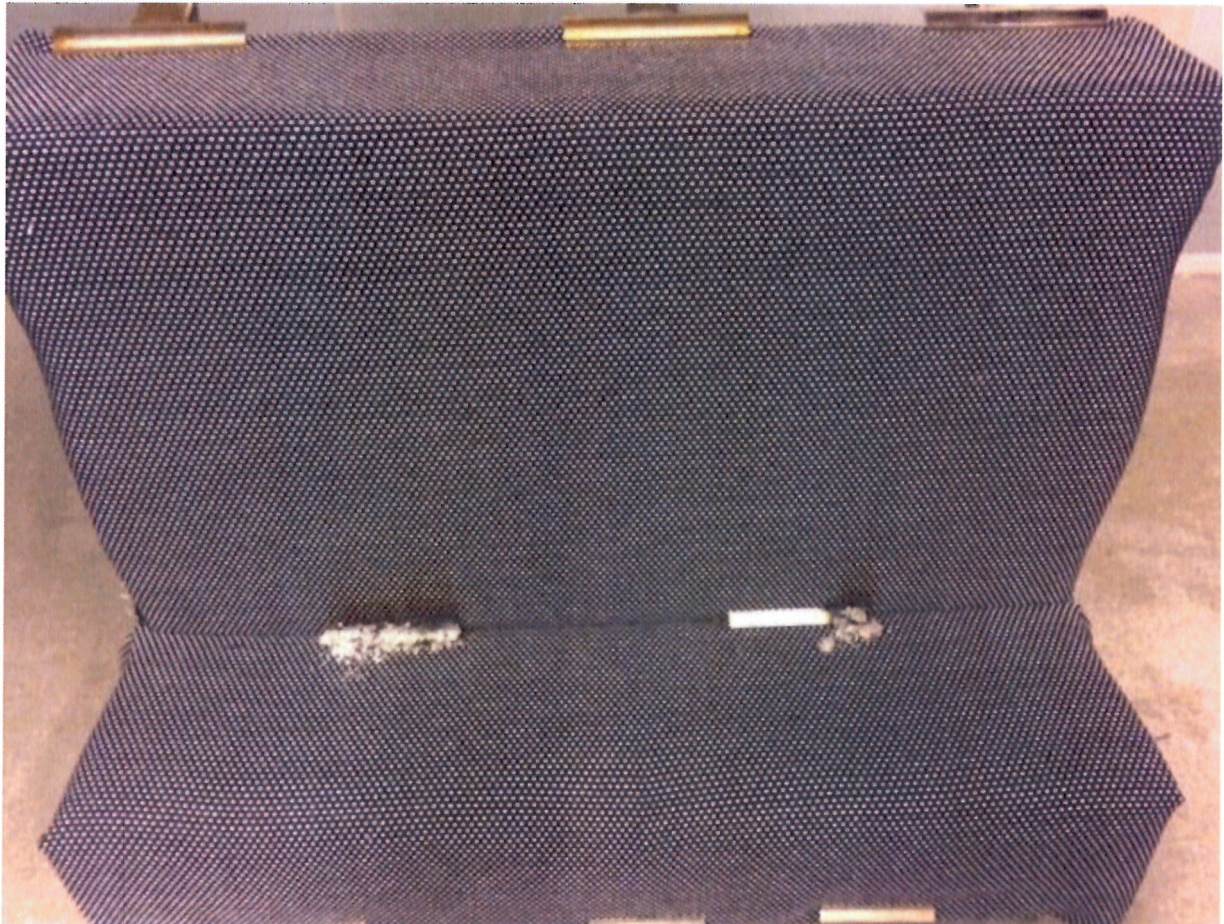
Observations during test:	Source 0		Comments
	1	2	
The flaming ceased within	No flaming	No flaming	
All smouldering ceased within	29 min	6 min	
Melting	No	No	
Dripping	No	No	
Charring	Yes	Yes	
Other phenomena	No	No	

**Comments:**

Before testing the sample was **not** subjected to the water soaking and drying procedure as prescribed in Schedule 5, Part I of the Furniture and Furnishings (Fire)(Safety) Regulations 1988 (amended 1989/1993/2010), (Great Britain).



**Photo:**



# Test report

Report no.:  
A738423-2



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

Gregersensvej  
DK-2630 Taastrup  
+45 72 20 20 00  
Info@teknologisk.dk  
www.teknologisk.dk

Page 1 of 3

Init: LDKR/LELN/AC  
Order no.: 738423  
Appendix: 1

- Assigner:** Contact person: Lone Henriksen  
Company: Kvadrat A/S  
Address: Lundbergsvej 10  
City: DK-8400 Ebeltøft
- Material:** Combination of upholstered material tested:  
**Cover:** Sample of woven upholstery fabric, designated: Basel  
Fibre composition: 90 % new wool/ 10% Nylon.  
Approximate mass per area unit: 367 g/m<sup>2</sup>  
**Filling:** Non flame-retardant polyurethane foam designated, E22120.  
Approximate density: 22 kg/m<sup>3</sup>. The foam is delivered from the Institute.
- Sampling:** The material for testing was submitted by the assigner and received on Danish Technological Institute 10 January 2017.
- Period:** The testing was completed 18 January 2017
- Test method:** Testing of ignitability according to the Match Test specified in Part I of Schedule 5 of the Furniture and Furnishings (Fire)(Safety) Regulations 1988 (amended 1989/1993/2010), (Great Britain).  
Ignition source: Match flame equivalent.  
  
Details of the test are given on page 2 in this report.
- Results:** The upholstery fabric under test **do meet** (PASSES) the requirements specified in Schedule 5, Part I of the Furniture and Furnishings (Fire)(Safety) Regulations 1988, amended 1989/1993/2010, (GB).
- Storage:** The tested material will be stored for 3 months after completion of the test unless longer is pre-agreed in writing.
- Terms:** The test has been performed according to the rear side conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation), cf. [www.danak.dk](http://www.danak.dk), and according to Danish Technological Institute's general terms and conditions at the time of order confirmation. The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.
- Place:** 18 January 2017, Danish Technological Institute, Taastrup, Textile

**Signature:**

Lone Dahl Kristensen  
Ph. Direct: +45 72 20 22 84  
E-mail: lone.dahl.kristensen@teknologisk.dk

Signatory

Lea Larsen  
Ph. Direct: +45 72 20 21 36  
E-mail: lea.larsen@teknologisk.dk

Counter-signatory



Test Reg. nr. 2



**Results,  
continued:**

The test results 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.

The samples were tested in accordance to Schedule 5, Part I of the Furniture and Furnishings (Fire)(Safety) Regulations 1988 (amended 1989/1993/2010), (Great Britain).

Test method: BS 5852:Part1:1979 – Fire test for Furniture  
Ignition source: Match flame equivalent.

Conditioning atmosphere: 23±2 °C / 50±5 % RH.

**Test result: Non-ignition > PASS**

No observation of progressive flaming or smouldering within the 60 minutes of the placement of the cigarette.

Observations during test:	Source 1		Comments
	1	2	
The flaming ceased within	1 sec.	1 sec.	
All smouldering ceased within	1 sec.	1 sec.	
Melting	Yes	Yes	
Dripping	No	No	
Charring	Yes	Yes	
Other phenomena	No	No	

**Comments:**

Before testing the sample was **not** subjected to the water soaking and drying procedure as prescribed in Schedule 5, Part I of the Furniture and Furnishings (Fire)(Safety) Regulations 1988 (amended 1989/1993/2010), (Great Britain).

Report no.: A738423-2  
Appendix 1



DANISH  
TECHNOLOGICAL  
INSTITUTE

**Photo:**

