

Johanson Design AB  
Anders Anderssons väg 7  
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## Ignitability according to EN ISO 11925-2

(1 appendix)

### Introduction

SP has by request of Johanson Design AB performed a fire test according to EN ISO 11925-2. The purpose of the test is to form a basis for technical fire classification.

### Product

According to the client: Wall absorbent of die-cast felt, consisting of 100% polyester. The product has a nominal area weight of 1000 g/ m<sup>2</sup> and a nominal thickness of 3 – 4 mm.

### Manufacturer

Johanson Design AB, Halmstad, Sweden.

### Sampling

The sample was delivered by the client. It is not known to SP Fire Research if the product received is representative of the mean production characteristics.

The sample was received on May 23, 2014 at SP Fire Research.

### Test results

The product was tested with surface exposure and edge exposure.

The test results are given in appendix 1.

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

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### Note

The accreditation referred to is valid for EN ISO 11925-2.

### SP Technical Research Institute of Sweden Fire Research - Fire Dynamics

Performed by

  
Anna Sandinge

Examined by

  
Per Thureson

### Appendix

1 Test results

Appendix 1

**Test results – EN ISO 11925-2:2010**

**Product**

According to the client: Wall absorbent of die-cast felt, consisting of 100% polyester. The product has a nominal area weight of 1000 g/ m<sup>2</sup> and a nominal thickness of 3 – 4 mm.

**Application**

Edge exposure. Flame exposure time was 30 seconds.

**Test results**

| Test no                           | 1   | 2  | 3   | 4   | 5   | 6  |
|-----------------------------------|-----|----|-----|-----|-----|----|
| The sample ignited, s             | 8   | 7  | 7   | 10  | 8   | 10 |
| The flames reach 150 mm, s        | -*  | -* | -*  | -*  | -*  | -* |
| Burning droplets                  | Yes | No | Yes | Yes | Yes | No |
| Time when filter paper ignited, s | -   | -  | -   | -   | -   | -  |

\*Flaming ceased before the flame tip reached 150 mm.

**Application**

Surface exposure. Flame exposure time was 30 seconds.

**Test results**

| Test no                           | 1  | 2  | 3  | 4  | 5  | 6  |
|-----------------------------------|----|----|----|----|----|----|
| The sample ignited, s             | 19 | 14 | 13 | 16 | 18 | 18 |
| The flames reach 150 mm, s        | -* | -* | -* | -* | -* | -* |
| Burning droplets                  | No | No | No | No | No | No |
| Time when filter paper ignited, s | -  | -  | -  | -  | -  | -  |

\*Flaming ceased before the flame tip reached 150 mm.

**Measured data**

Thickness 2.9 – 3.5 mm.

Area weight 1.92 kg/m<sup>2</sup>.

**Conditioning**

According to EN 13238:2010.

Temperature (23 ± 2) °C.

Relative humidity (50 ± 5) %.

**Date of test**

June 9, 2014.