

## Informative test no. 2009-1427

issued 08.06.2009

**Applicant:** AB Ludvig Svensson  
Bangatan 8  
SE – 51182 Kinna  
Sweden

**Date of order:** 30.04.2009  
**Date of sampling:** no official taking out of the specimen  
from a representative of the Bodycote  
Warrington Brandhaus  
**Date of arrival:** 05.05.2009  
**Date of test:** 29.05.2009

### Order

Testing of the burning behaviour according to DIN EN 13772 with classification to DIN EN 13773

### Description / designation of the test object

Fabric sample designated as „3891 View “

### Description of the relevant test procedure

DIN EN 13772 (Mail 2003)

DIN EN 13773 (Mai 2003)

Bodycote Warrington Brandhaus · Industriepark Höchst· C 369, 65926 Frankfurt· Germany  
Tel.: +49 (69) 305-3476 Fax: +49 (69) 305-17071

Bodycote Testing GmbH, eingetragen beim Amtsgericht Frankfurt, HRB 83049 Geschäftsführer: Tim Cornes, Sean Kerr  
Ust-Id Nr. DE259957713  
Materials Testing is a division of the Bodycote Testing Group

## 1. Description of the test material

### 1.1 Details of the customer:

Fabric sample designated as „3891 View “

Aufbau:

Artikel no.: 3891

Material Gewebe: 99% PES, 1 % Aluminium

### 1.2 At the specimen preparation in the Bodycote Warrington Brandhaus determined values:

Fabric sample

Colour: silver

Square weight: 111 g/m<sup>2</sup>

Testing after clima storing 23°C and 50% rel. Luftfeuchte.

## 2. Test results according to DIN EN 13772:

(Determination of the verical flame spread)

Impact time of the radiator: 30s

Ignition time: 10 s

Specimen no.r.		1	2	3	4	5	6
Test direction	L/Q	L	L	L	Q	Q	Q
Kind of ignitiont	S/E	E	E	E	E	E	E
Ignition timet	[s]	10	10	10	10	10	10
Total burn timet	[s]	25	20	20	20	23	18
After flame time	[s]	15	10	10	10	13	8
After glow time	[s]	-	-	-	-	-	-
Reaching the 1. mark in	[s]	-	-	-	-	-	-
Reaching the 2. mark in	[s]	-	-	-	-	-	-
Reaching the 3. mark in	[s]	-	-	-	-	-	-
Flame spread v1	[mm/min]	-	-	-	-	-	-
Flame spread v2	[mm/min]	-	-	-	-	-	-
Flame spread t v3	[mm/min]	-	-	-	-	-	-
Separating of sample parts*		-	-	-	-	-	-
Ignition of the filter paper*		-	-	-	-	-	-
Destroyed area length	[mm]	120	110	130	120	120	100
Destroyed area width	[mm]	90	80	80	100	90	70

If not the case, - L = length Q = width S = surface E =edge

Remarks:

**3. Informative classification:**

The on page 2 described material fulfils the requirements of the class 1 according to DIN EN 13773.  
(Determination of the ignition time according to EN 1101 not accomplished)

**Special comment**

The fire test result is only valid for the on page 2 described material in the tested thickness, square weight and colour.

In the composition with other materials (for example coatings, deposits) the burning behaviour could be influenced unfavourable so that the above classification is not any longer valid.

The burning behaviour in composition with other materials has to be tested separately.

Frankfurt, den 08.06.2009



H. Schmid / A. Garcia  
Tester in charge



Dipl.-Ing. T. Zachäus  
Laboratory supervisor

The results of the tests relate only to the behaviour of the test specimen which is designated in chapter one.

Test reports are only allowed to be published or reproduced, not changed in form and tenor without permission of the Bodycote Warrington Brandhaus.

The abridged account of a test report is only allowed with the agreement of the Bodycote Warrington Brandhaus.

This test report is a translation of the German version 2009-1427 (issued 08.06.2009). In case of doubt only the German version is valid.

The report contains 4 pages.