

## Investigation report

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Date : 17.10.2024

### Investigation report No. 24/3050

Order description: Burning behaviour - classification scheme according to DIN EN 13773 (2003-05)

Test samples: article: Silenzio

Sampling: by orderer

Orderer: see address

Date of order: 23.09.2024

Receipt of order: 24.09.2024

Date of testing: 15.10.2024

Number of pages: 5

Remark: The results are valid only for the tested object. The accreditation applies for the methods listed in the annex to the certificate D-PL-17323-01-00. Accredited test methods are underlined. The valuations and Interpretations in the investigation report are not subject to accreditation. Tests conducted through co-operation partners are marked with °. All information provided by the customer, which is taken over unchecked and thus reflected in the examination report, are placed in quotation marks on the first page of the investigation report. Changes to the original investigation report are marked with a vertical line in the left side edge and a revision level is added to the investigation report number. The content of this investigation report will not be passed to third persons without written approval of the orderer. The partial publication of the test report, as well as the usage for commercial process, is only allowed with a permission of the DELCOTEX Delius Techtex GmbH & Co. KG. Remnants of test material will be destroyed after 3 months. Previously stated specifications / data sheets / certificates are only characters and no warranties. Also no warranty in case of durability will be overtaken. Finally our general delivery and payment conditions are valid (please see [www.textillabor.eu](http://www.textillabor.eu)).

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Description of test material

**article:** Silenzio

**color:** -

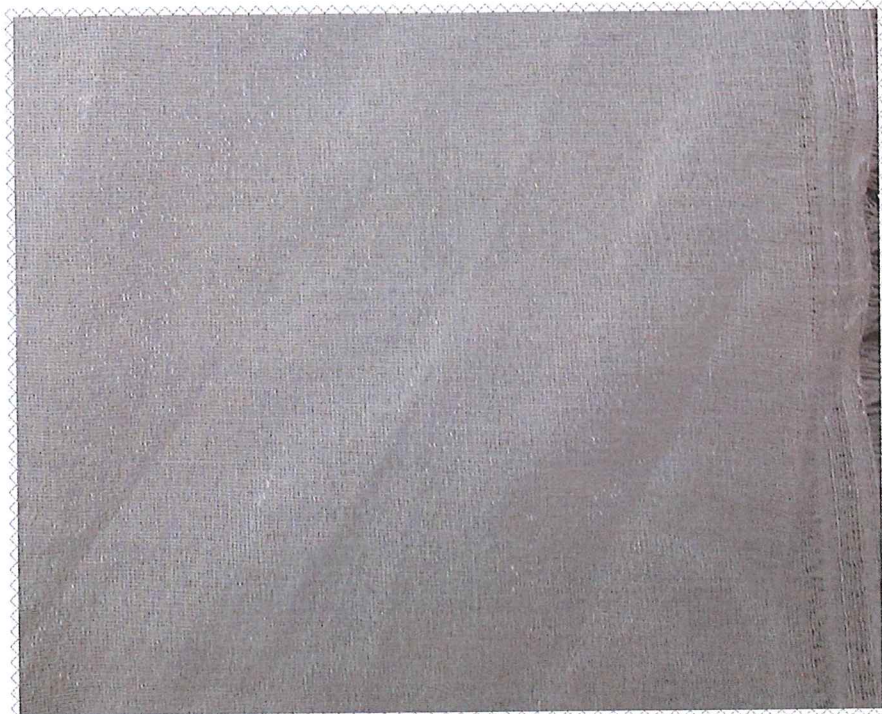
**material:** -

**weight:** 126,54 g/m<sup>2</sup>

**thickness:** 0,561 mm

**field of application:** Curtains and drapes

**original sample:**



**Instructions for performing**

**Method: Determination of ease of ignition of vertically oriented specimens according to DIN EN 1101 (2005-09) and according to DIN EN ISO 6940 (2004-06)**

**Measuring conditions:**

purification process: 1x acc. DIN EN ISO 6330 (2022-03) 3M/C (30°C)  
 sample size: length = 200 mm  
 width = 80 mm  
 room temperature: 20 +/- 2 °C  
 humidity: 65 +/- 4 %

**Test chamber conditions:**

room temperature: 20,8°C (10 - 30°C)  
 humidity: 54,5% (15 - 80%)  
 air velocity: < 0,2 m/s  
 gas: propane  
 basic height of flame: 40 +/-2 mm  
 Type of ignition: by the edge

**Test results**

article: **Silenzio**

weight: **126,54 g/m<sup>2</sup>**      thickness: **0,561 mm**

Flame application [s]	length			width			
	Persistence of flame ≥ 5 [s] yes/no	Time of persistence of flame [s]	Ignition X / 0	Flame application [s]	Persistence of flame ≥ 5 [s] yes/no	Time of persistence of flame [s]	Ignition X / 0
<b>1</b>	no	0	0	<b>1</b>	no	0	0
<b>2</b>	no	0	0	<b>2</b>	no	0	0
<b>3</b>	no	0	0	<b>3</b>	no	0	0
<b>4</b>	no	0	0	<b>4</b>	no	0	0
<b>5</b>	no	0	0	<b>5</b>	no	0	0
<b>10</b>	no	0	0	<b>10</b>	no	0	0
<b>15</b>	no	0	0	<b>15</b>	no	0	0
<b>20</b>	no	0	0	<b>20</b>	no	0	0
<b>20</b>	no	0	0	<b>20</b>	no	0	0
<b>20</b>	no	0	0	<b>20</b>	no	0	0
<b>20</b>	no	0	0	<b>20</b>	no	0	0
<b>20</b>	no	0	0	<b>20</b>	no	0	0
<b>20</b>	no	0	0	<b>20</b>	no	0	0

X= ignition; 0= no ignition; - = if not applicable

**average inflammation time:**

length: > 20 seconds  
 width: > 20 seconds

Instructions for performing

**Method: Measurement of flame spread of vertically oriented specimens with large ignition source according to DIN EN 13772 (2003-05)**

**Measuring conditions:**

purification process: 1x acc. DIN EN ISO 6330 (2022-03) 3M/C (30°C)  
 sample size: length = 560 +/-2 mm  
 width = 170 +/-2 mm  
 room temperature: 20 +/- 2 °C  
 humidity: 65 +/- 4 %

**Test chamber conditions:**

room temperature: 21,7°C (10 - 30°C)  
 humidity: 53,7% (15 - 80%)  
 air velocity: < 0,2m/s  
 gas: propane  
 basic height of flame: 40 +/-2 mm  
 type of ignition: by the edge  
 flame application time: 10s

Test results

article: **Silenzio**

weight: **126,54 g/m<sup>2</sup>**

thickness: **0,561 mm**

		length				width			
Sample		1	2	3	4	1	2	3	4
Face exposed to the radiator	R/L	R	L	L	L	R	L	R	R
1 <sup>st</sup> marker thread reached	yes/no	no	no	no	no	no	no	no	no
in	[s]	-	-	-	-	-	-	-	-
2 <sup>nd</sup> marker thread reached	yes/no	no	no	no	no	no	no	no	no
in	[s]	-	-	-	-	-	-	-	-
3 <sup>rd</sup> marker thread reached	yes/no	no	no	no	no	no	no	no	no
in	[s]	-	-	-	-	-	-	-	-
flaming debris	yes/no	no	no	no	no	no	no	no	no
burner of filter paper	yes/no	no	no	no	no	no	no	no	no
vertical damage	[mm]	118	123	115	120	122	120	122	127

R= front side; L= back side; - = if not applicable

Instructions for performing

Method: Classification scheme according to DIN EN 13773 (2003-05)

Test results

article: Silenzio

weight: 126,54 g/m<sup>2</sup>

thickness: 0,561 mm

classification

The present test samples (see article) can be classified according to the **DIN EN 13773** into the following class:

<b>class:</b>	<b>1</b>
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Class	Ignitability	Flame spread
1	Non ignition according to EN 1101	1 <sup>st</sup> marker thread not severed, no flaming debris, according to EN 13772
2	Non ignition according to EN 1101	3 <sup>rd</sup> marker thread not severed, no flaming debris, according to EN 13772
3	Non ignition according to EN 1101	3 <sup>rd</sup> marker thread severed, and/or flaming debris, according to EN 13772
4	Ignition according to EN 1101	3 <sup>rd</sup> marker thread not severed, no flaming debris, according to EN 1102
5	Ignition according to EN 1101	3 <sup>rd</sup> marker thread severed, and/or flaming debris, according to EN 1102

**Remark:**

In combination with other materials (such as coatings, etc.), the fire-behavior can be influenced adversely, so that this classification is no longer valid. The fire behavior of the material in combination with other materials to be tested separately.



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Only the information contained in the signed test report is binding.