



TEST REPORT

No. 22/P102

Job No.: 415500435

No. of pages: 3

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Name of test:

Determination of ignitability of construction products

Material/product/construction:

FIBERACOUSTIC 450, roll no.: 2521 345 12 003-01

Sponsor:

Fibertex Nonwovens, a.s.
Průmyslová 2179/20
CZ-568 02 Svitavy
Czech Republic

Manufacturer:

Fibertex Nonwovens, a.s.
Průmyslová 2179/20
CZ-568 02 Svitavy
Czech Republic

Test specimens delivery date:

14th February 2022

Laboratory name:

Fire technical laboratory

Location:

Pražská 16, Praha 10 – Hostivař

Date of test:

5th April 2022

Date of issue:

13th April 2022

Reviewed by:

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Technical manager of laboratory



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1. Test assignment

The test has been done on the base of order issued on 10th February 2022.

2. Test method

ČSN EN ISO 11925-2 Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test

3. Test specimens

The test specimens were delivered by the sponsor. Marking of the test specimens in laboratory: 22/P102.

Composition: Undeclared

Description of test specimen: Black nonwoven textile of thickness 2,5 mm. Mass per unit area approx. 450 g/m². Face side and bac side are identical.

4. Test equipment

- 1) Test device according to ČSN EN ISO 11925-2 (Reg. No. 746)
- 2) Digital stop watch (Reg. No. 4)
- 3) Yardstick (Reg. No. 148)
- 4) Metallic gauge (Reg. No. 73)
- 5) Metallic gauge (250 x 90) mm (Reg. No. 8)
- 6) Thermometer / relative humidity meter (Reg. No. 74)
- 7) Metallic gauge 10 mm (Reg. No. 77)
- 8) Weighing scale (Reg. No. 155)
- 9) Digital anemometer (Reg. No. 67)

5. Test results and conclusion

Conditioning: from 14th February 2022 according to ČSN EN 13238

Laboratory conditions: temperature T = 23°C; relative humidity RV = 26 %

a) surface flame attack, exposition time: 30 s

Test specimen No.	1	2	3	4	5	6
Orientation	lengthwise			crosswise		
Ignition of test specimen [Y/N]	Y	Y	Y	Y	Y	Y
Time to reaching mark [s]	(-)	(-)	(-)	(-)	(-)	(-)
Ignition of filter paper [Y/N]	N	N	N	N	N	N

a) edge flame attack, exposition time: 30 s

Test specimen No.	7	8	9	10	11	12
Orientation	lengthwise			crosswise		
Ignition of test specimen [Y/N]	Y	Y	Y	Y	Y	Y
Time to reaching mark [s]	(-)	(-)	(-)	(-)	(-)	(-)
Ignition of filter paper [Y/N]	N	N	N	N	N	N

Annotation: (-) = flame tip did not reach the mark.



6. Measurement uncertainty

Expanded measurement uncertainty of length is ± 1 mm. Expanded measurement uncertainty of time is $\pm 0,5$ s. The mentioned expanded uncertainties are obtained by multiplying the standard uncertainties by a coverage factor $k=2$, which corresponded to a level of confidence of 95 %. Standard uncertainties have been determined in accordance with document EA - 4/02 M.

7. Declaration

The test results relate to the behaviour of the test specimen 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 of use. The results of tests are concerned only with the subject of testing. The test report shall be reproduced in full only. Given that, the samples were provided by the sponsor, the results relate to the samples as it were received.

Distribution of test reports:

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List of appendixes:

without appendixes

END OF TEST REPORT