

Test Report

Report No.: YJ2023040195-02

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Company Name: Ningbo Aifilter Purification Equipment Co., Ltd.

Address: No. 2, Longtanshan Road, Daqi, Beilun, Ningbo, Zhejiang

The following sample(s) and sample information was/were submitted and identified on behalf of the client

Sample Name : PP non-woven bag (white) F6

Test Requested : DIN 53438-3:1984

Test Item(s) : Burning behaviour

Test Information

Sample Received Date : Apr. 23, 2023

Test Period : Apr. 23, 2023 to May. 05, 2023

Test Result(s) : Please see attach sheet.

Approved by: _____

WANG Junyan, Winson

Authorized Signatory

Date: _____

May. 05, 2023



Zhejiang CTI Foresight Testing Co., Ltd

Room 101, No. 13-1, Building 13, No. 11, Lingang Road, Renhe Street, Yuhang District, Hangzhou, Zhejiang, China

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I. Test Conducted

This test was conducted in accordance with DIN 53438 Part 3:1984 Testing of combustible materials - Response to ignition by a small flame - Part 3: Surface ignition.

II. Sample Details

Description	Non-woven bag		
Color	White	Exposed surface	Non-woven surface
Dimensions	Length 230mm; Width 90mm; Thickness 3.0mm;		

III. Traceability Record

1. Conditioning

Temperature	23.0 °C	Relative Humidity	50 % R.H.
Start Time	Apr. 25, 2023	End time	May. 5, 2023

2. Test Condition

Temperature	26.7 °C
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IV. Test Results

Warp

Test Items	1	2	3	4	5	Mean
Mean thickness(mm)	3.0	3.0	3.0	3.0	3.0	3.0
Burning time(s)	0	0	0	0	0	0
Afterglow time(s)	0	0	0	0	0	0
Reach the gauge mark or not	No	No	No	No	No	--
The time of flame tip reach the gauge mak(s)	NA	NA	NA	NA	NA	NA
Observations during test	Burning a hole					
Class	F 1	F 1	F 1	F 1	F 1	--

Weft

Test Items	1	2	3	4	5	Mean
Mean thickness(mm)	3.0	3.0	3.0	3.0	3.0	3.0
Burning time(s)	0	0	0	0	0	0
Afterglow time(s)	0	0	0	0	0	0
Reach the gauge mark or not	No	No	No	No	No	--
The time of flame tip reach the gauge mak(s)	NA	NA	NA	NA	NA	NA
Observations during test	Burning a hole					
Class	F 1	F 1	F 1	F 1	F 1	--

Note: NA denotes Not Applicable if used



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V. Assessment and evaluation

Evaluation	Class
The flame tip on the burning test piece does not reach the upper guage mark (the flame is extinguished beforehand)	F 1
The flame tip on the burning test piece reaches the upper guage mark in 20 seconds or longer	F 2
The flame tip on the burning test piece reaches the upper guage mark in less than 20 seconds	F 3

VI. Comment

F 1/ 3.0 mm

Photo Appendix**Statement**

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI-FST hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI-FST, this report can't be reproduced except in full.
5. The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc... and just for client internal reference.

*** End of Report ***

