

Test Report

Report No.: YJ2022120077-01

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

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

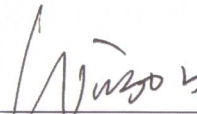
The following sample(s) and sample information was/were submitted and identified on behalf of the client

Sample Name : G4 early effect filtering cotton
Test Requested : DIN 53438-3:1984
Test Item(s) : Burning behaviour

Test Information

Sample Received Date : Dec. 13, 2022
Test Period : Dec. 13, 2022 to Dec. 22, 2022
Test Result(s) : Please see attach sheet.

Approved by:


WANG Junyan, Winson
Authorized Signatory

Date: Dec. 22, 2022

Zhejiang CTI Foresight Testing Co., Ltd

Room 101, No. 13-1, Building 13, No. 11, Lingang Road, Renhe Street, Yuhang District, Hangzhou, Zhejiang, China
Building 13-1, 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	Filtering Cotton		
Color	White	Exposed surface	Any surface
Dimensions	Length 230mm; Width 90mm; Thickness 10.0mm;		

III. Traceability Record

1. Conditioning

Temperature	23.0 °C	Relative Humidity	50 % R.H.
Start Time	Dec. 14, 2022	End time	Dec. 22, 2022

2. Test Condition

Temperature	18.6 °C
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IV. Test Results

Test Items	1	2	3	4	5	Mean
Mean thickness(mm)	10	10	10	10	10	10
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)	-	-	-	-	-	--
Observations during test	Burning a hole					
Class	F 1	F 1	F 1	F 1	F 1	--

Note: - denotes Not Applicable if used

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/ 10 mm



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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 ***

