



中国认可
国际互认
检测
TESTING
CNAS L4136



TEST REPORT

Test Report No..... : WTF25H01018476P
Applicant..... : Sunlu (Guangdong) Technology Co., Ltd.
Address..... : Sunlu Technology Park, Intersection of Huanzhou North Road and
Tanzhou Avenue, Tanzhou Town, Zhongshan City, Guangdong
Province, China.
Manufacturer : Sunlu (Guangdong) Technology Co., Ltd.
Address..... : Sunlu Technology Park, Intersection of Huanzhou North Road and
Tanzhou Avenue, Tanzhou Town, Zhongshan City, Guangdong
Province, China.
Product Name..... : ABS FR Natural
Model No..... : /
Standards..... : UL94: 2013/R: 2022
Date of Receipt sample.... : 2025-01-24
Date of Test..... : 2025-02-05 to 2025-02-12
Date of Issue..... : 2025-02-17
Test Report Form No..... : /
Test Result..... : **Pass**
Remarks: /

Prepared By:

Waltek Testing Group HCT (Shenzhen) Co., Ltd.

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Longgang Street, Longgang District, Shenzhen, Guangdong, China
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Tested by:

Compiled by:

Approved by:

Mandy Wang

Toby Zhang

Joseph Li

Mandy Wang

Toby Zhang

Joseph Li





Test item description.....: ABS FR Natural
Test Model.....: /
Trade Mark.....: /
Sample quantity.....: 10 pcs
Other Information.....: /
Description of sample:
<ul style="list-style-type: none">- The sample tested this time is ABS FR Natural (Sample dimension: 125.0*12.9*1.6 mm)- This sample is white.- The required size of the sample is (length 125mm±5mm, width 13.0mm±0.5mm, Thickness not greater than 13 mm.
Sample Pre-treatment and test Conditions: See below

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Test result:

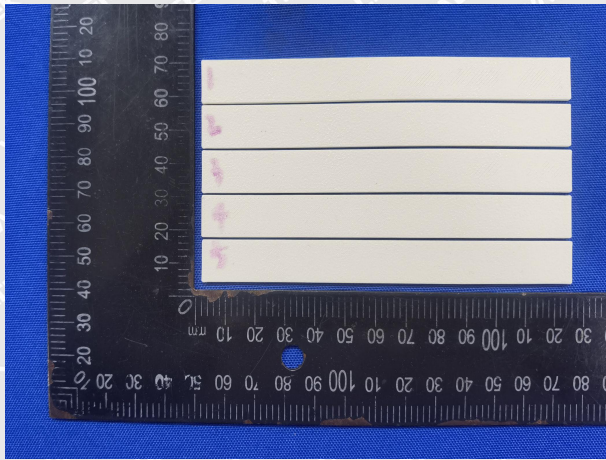
Conditioning	23±2°C, 50±10%, 48H					70±2°C, 168H				
Test No.	S-01	S-02	S-03	S-04	S-05	S-06	S-07	S-08	S-09	S-10
First residual flame time t1(s)	0	0	0	0	0	0	0	0	0	0
Second afterflame time t2(s)	0	1	0	0	1	1	0	0	1	1
Second after burn time t3	0	0	0	0	0	0	0	0	0	0
Total after-flame time(s) for any condition set(t1+t2 for the 5 specimen)	2					3				
After-flame plus afterglow time for each individual specimen after the second flame application(s) t2+t3	0	1	0	0	1	1	0	0	1	1
After-flame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No	No	No	No	No
Certificate	V-0									

Standard requirements:

Criteria conditions	V-0	V-1	V-2
After-flame time for each individual specimen t1 or t2	≤10S	≤30S	≤30S
Total after-flame time for any condition set (t1+t2 for the 5 specimen)	≤50S	≤250S	≤250S
After-flame plus afterglow time for each individual specimen after the second flame application t2+t3	≤30	≤60S	≤60S
After-flame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes



Treated by $23 \pm 2^\circ\text{C}$, $50 \pm 10\%$, 48H

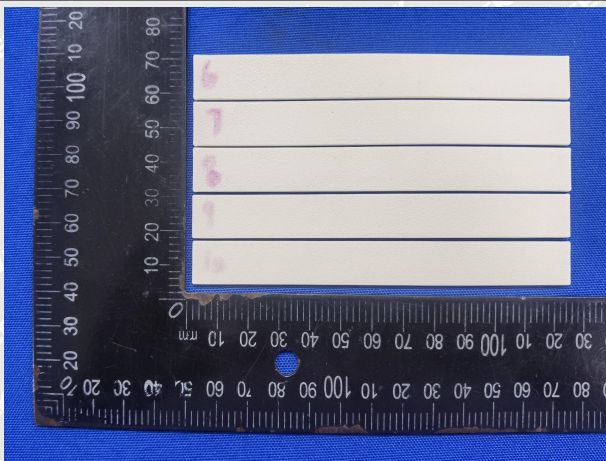


The sample before test



The sample after test

Treated by $70 \pm 2^\circ\text{C}$, 168H



The sample before test



The sample after test

**Test equipment**

Equipment	Equipment code	Factory	Type	Calibrate date	Calibrate cycle
Timer	WTHY1207A1-001	SEWAN	SW2018	2025/01/07	1year
T&H Recorder	WTHY1211A1-001	ELITECH	TH101B	2025/01/07	1year
Double standard combustion testing machine	WTHY1257A1-001	Guangdong Safety inspection Co., LTD	AG50W500 W	2025/01/08	1year
Digital Caliper	WTHY1218A1-001	Mitoyo	0-150mm	2025/01/02	1year
Temperature humidity chamber	WTHP1306A1-001	KSQN	THS-D7TS-150	2024/05/28	1year
High temperature aging test chamber	WTHP1192A1-001	Espec	PVH-212	2025/01/13	1year

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**Statement:**

1. This report is considered invalid without approved signature and special seal;
2. The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which HCT hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. The result(s) in no CMA logo report shall only be used for client's scientific research, teaching, internal quality control, product research and development, etc. and just for internal reference, does not prove to society..
5. The "*" in CNAS logo report means that the test item(s) was (were) currently not applying for CNAS accreditation
6. Without written approval of HCT, this report can't be reproduced except in full.
7. For any claim of the report, just refer to the testing unit in 15 days, in case it is not in the above limited time, the claim shall be dismissed.
8. Evaluation of results: If not explicitly stated otherwise in the standard, the test is passed if the measured value is equal to or below(above) the limit line, regardless of the measurement uncertainty. If the measured value is above(below) the limit line, the test is not passed.
9. Measurement uncertainty: Measurement uncertainties are calculated for all instruments and instrument set-ups given in this report. Calculations are based on the principles given in the standard EA-4/02(Dec.1999), IEC Guide 115:2007, CNAS-GL007:2020, CNAS-CL01-G003:2021 and other relevant internal HCT-procedures. Further information about measurement uncertainties will be given on request.
10. Calibration: All instruments used in the tests given in this test report are calibrated and traceable to national or international standards. Further information about traceability will be given on request.

--END OF TEST REPORT--

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