

Test Report

No. AJHG1412004084FB

Date: DEC.22, 2014

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SUIHE LIMITED

48-2 YI SHAN YI SHU, JIMO CITY, SHANDONG, CHINA

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

Sample Description: TARPAULIN

SGS Ref No.: QDHG201404580

Style/Item No.: 610GSM PVC

Buyer: SUIHE LIMITED

Country of Origin: CHINA

Country of Destination: USA, CANADA, EUROPE, AUSTRALIA, NEW ZEALAND

Test Requested:

To determine the flammability (building materials class B2) in accordance with DIN 4102-1 (May 1998) Fire behaviour of building materials and elements Part 1: Classification of building materials, Requirements and testing

Test Results: -- See attached sheet --

Conclusion: The tested sample **meets** the Normal flammability requirements of Class B2 of building materials under DIN 4102-1 (May 1998).

Test Period:

Sample Receiving Date : DEC.08, 2014

Test Performing Date : DEC.08, 2014 TO DEC.19, 2014

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch



Allen Zou
Technical Manager



SGS-CSTC Standards Technical Service Co., Ltd.
Anji Branch Plant and Textiles Goods Laboratory

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I. Test conducted

This test was conducted as per DIN 4102-1:1998 Clause 6.2. Classification in according to DIN 4102-1 (May 1998) Clause 6.2. Class B2 materials.

II. Sample details

Name	Tarpaulin
Color / Density	White / 610g/m ²
Size of sample	190mm × 90mm

Conditioning

Prior to testing, the sample was conditioned at least 14 days to constant mass at a temperature of 23 ± 2 °C, and a relative humidity of 50 ± 6 %.

III. Test results

Normal Flammability Test according to DIN 4102-1 Clause 6.2

Flame application: [] bottom edge ignition, [] surface ignition

[] Lengthwise

Specimen No.	1	2	3	4	5
Reaching the measuring mark within 20 seconds	No	No	No	No	No
Self extinguishing of the flame (s)	17	18	15	17	16
Max. flame height (cm)	5	6	6	4	6
End of afterflaming (s)	17	18	15	17	16
End of afterglowing (s)	17	18	15	17	16
Molten dripping	No	No	No	No	No
Smoke developments (visual impression)	Medium				

[] Widthwise

Specimen No.	1	2	3	4	5
Reaching the measuring mark within 20 seconds	No	No	No	No	No
Self extinguishing of the flame (s)	16	17	15	15	18
Max. flame height (cm)	6	6	7	5	4
End of afterflaming (s)	16	17	15	15	18
End of afterglowing (s)	16	17	15	15	18
Molten dripping	No	No	No	No	No
Smoke developments (visual impression)	Medium				

All timings are from start of testing

To be continued...



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Comments:

[] DIN 4102-B2; [] DIN 4102-B3

Criteria for classification for Class B2 (DIN 4102-1 Clause 6.2.2)

All materials, may be classed as B2 materials if they,

Pass DIN 4102-1 Clause 6.2.3 Ignitability Test

For each specimen, flaming doesn't reach the gage mark within 20s after flame application.

STATEMENTS:

This test report does not replace any mandatory certification of the product that may be required.

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire and smoke hazard of the product in use.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report