

DONGGUAN BETTER BONA FURNITURE LIMITED
 NO. 9 CENTURY ROAD, HOUIE TOWN, DONGGUAN, GUANGDONG P.R. CHINA

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

Sample Description : WOOD HONEYCOMB COMPOSITE PANEL

Material : NATURAL BIRCH WOOD+MDF HONEYCOMB PANEL+ADHESIVE

Spec. : 900×1800×20(WOOD Thickness 5mm, MDF HONEYCOMB PANEL Thickness 15mm)

Supplier : BETTER BONA

Sample info. : RANDOM EXTRACTION DURING THE PRODUCTION

SGS Ref No. : SDHG1806004488FB

Sample Receiving Date : Jun.28, 2018

Test Performing Date : Jun.28, 2018 to Jul.11, 2018

For further details, please refer to the following page(s)

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	ASTM E84-12 Standard Test Method for Surface Burning Characteristics of Building Materials	Class A	

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co.,Ltd
 GUANGZHOU BRANCH



Chandler Wu
 Technical Engineer

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GZCCM

Test Conducted:**ASTM E84-12 Standard Test Method for Surface Burning Characteristics of Building Materials****I. Sample Description:**

Name (provided by sponsor) / Color	:	MDF Honeycomb Composite Panel / Grey
Size of sample	:	Thickness: approximately 21.5 mm
Mounting method	:	Mount the specimens on the ledges of the Test Method E84 furnace without using additional means of support.

II. Conditioning

Prior to testing, the sample was conditioned, to a constant weight at a temperature of 73.4±5°F (23±2.8°C) and at a relative humidity of 50±5%.

III. Test Result:

Sample	FSI (Flame spread index)	SDI (Smoke developed index)
Stone Honeycomb Composite Panel	5	300

RATING:

The National Fire Protection Association Life Safety Code 101, "Interior Wall and Ceiling Finish Classification", has a means of classifying materials with respect to Flame Spread and Smoke Developed when tested in accordance with NFPA 255, (ASTM E84) "Method of Test of Surface Burning Characteristics of Building Materials".

The classifications are as follows:

Class A Interior Wall & Ceiling Finish:	Flame Spread 0-25	Smoke Developed 0-450
Class B Interior Wall & Ceiling Finish:	Flame Spread 26-75	Smoke Developed 0-450
Class C Interior Wall & Ceiling Finish:	Flame Spread 76-200	Smoke Developed 0-450

Conclusion:

Refer to the National Fire Protection Association Life Safety Code 101, "Interior Wall and Ceiling Finish Classification", the submitted sample met the requirement of Class A.

To be continued....

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GRAPHICAL RESULTS:

Flame Spread Chart

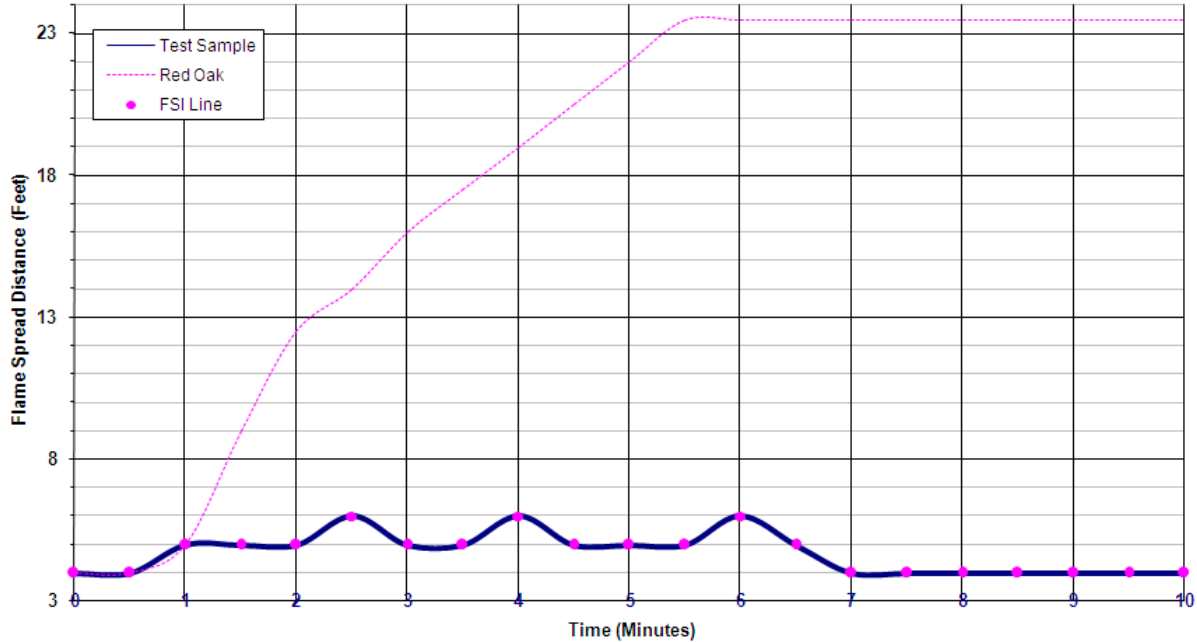


Figure 1. Flame Spread Chart

Smoke Developed Chart

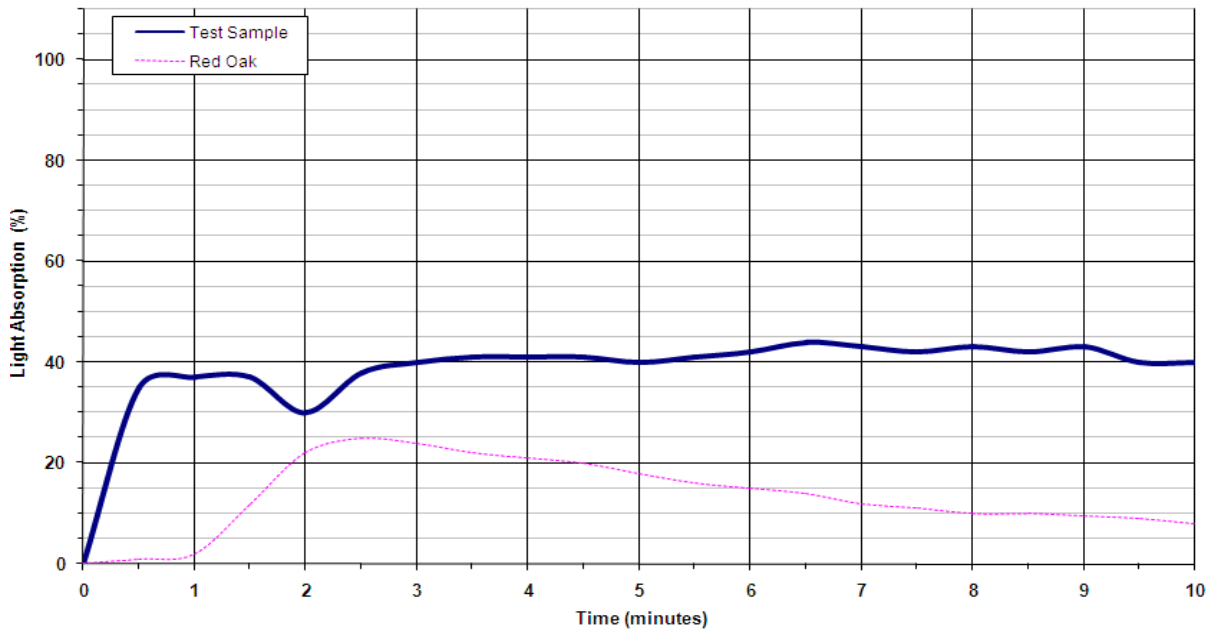


Figure 2. Smoke Developed Chart

To be continued...

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Photo Appendix:



End of Report

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