

GUANGXI GOALIN FORESTRY INC  
ECONOMIC DEVELOPMENT AREA RONG COUNTY GUANGXI

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

Sample Description : MDF  
SGS Ref No. : CAN17-013129  
Visit Number : Y9Q1  
Job Number : JBGZ08B1008  
Product Model & Lot Number : 2.7m 32017011221  
Product Category : Thin MDF  
Test Performed : Selected test(s) as requested by applicant  
Sample Receiving Date : Jan 19, 2017  
Test Performing Date : Jan 19, 2017 to Feb 06, 2017  
Test Result(s) : For further details, please refer to the following page(s)

Test Requested	Result
As per client's request, evaluation of formaldehyde emission level according to Final Regulation Order – Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Product (CARB ATCM), title 17, California Code of Regulation, section 93120.2 (a) and Table 1.	<b>PASS</b> the phase 2 formaldehyde emission level as specified in CARB ATCM section 93120.2(a) and Table 1

Remark : 1) The scope of CARB ATCM is applicable for composite wood, but not for other wood products  
2) Formaldehyde emission test is one of the conformity criteria under CARB ATCM. Full conformity of a composite wood product happens provided that this composite wood fulfill all the requirement as stated in CARB ATCM title 17 section 93120 to 93120.12.



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SGS-CSTC Inspection & Testing Services Co., Ltd.  
Guangzhou Branch Testing Center Headlines

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## Test Report

No.: GZHL1701002869CB

Date: Feb 06, 2017

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Signed for and on behalf of  
Guangzhou Branch  
SGS-CSTC Ltd.

Yan Lau  
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN17-013129.001	Brown thin MDF

### **Product Type Test of Formaldehyde Emission**

Test Method : With reference to ASTM D6007-02(2008), analysis was performed by UV-Vis.

Test Item(s)	Unit	MDL	001
Formaldehyde Emission of Trial 1	ppm	0.01	0.07
Formaldehyde Emission of Trial 2	ppm	0.01	0.07
Formaldehyde Emission of Trial 3	ppm	0.01	0.07
Formaldehyde Emission of Average	ppm	0.01	0.07

Notes :

1. ppm = parts of formaldehyde per million parts air
2. ND = Not Detected
3. MDL = Method Detection Limit
4. The scope of CARB ATCM is applicable for composite wood, but not for other wood products.
5. Formaldehyde emission test is one of the conformity criteria under CARB ATCM. Full conformity of a composite wood product happens provided that this composite wood fulfill all the requirement as stated in CARB ATCM title 17 section 93120 to 93120.12.
6. Maximum Permissible Limit according to Section 93120.2, Title 17, California Code of Regulation:

Table 1: Phase 1 and Phase 2 Formaldehyde Emission Standards for Hardwood Plywood(HWPW), Particleboard(PB), and Medium Density Fiberboard(MDF)					
Effective Date	Phase 1(P1) and Phase 2(P2) Emission Standards(ppm)				
	HWPW-VC	HWPW-CC	PB	MDF	Thin MDF
1-1-2009	P1:0.08	-----	P1:0.18	P1:0.21	P1:0.21
7-1-2009	-----	P1:0.08	-----	-----	-----
1-1-2010	P2:0.05	-----	-----	-----	-----
1-1-2011	-----	-----	P2:0.09	P2:0.11	-----
1-1-2012	-----	-----	-----	-----	P2:0.13
7-1-2012	-----	P2:0.05	-----	-----	-----

HWPW-VC = Veneer Core; HWPW-CC = Composite Core.



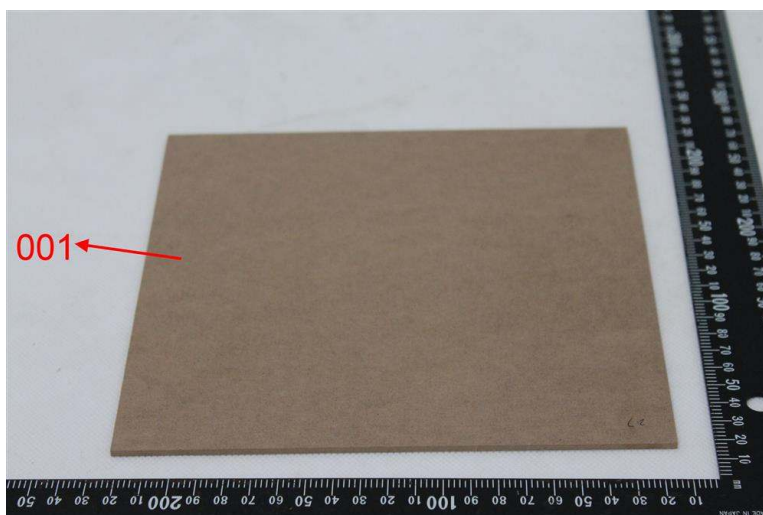
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Sample photo:



\*\*\*End of Report\*\*\*



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