

Test Report

No. SHAMLC1511504001

Date: 29 Jun 2015

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA15-115040.001	Nature wood

Formaldehyde Emission

Test Requested : 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.

Test Method : With reference to ASTM D 6007 - 02 (Reapproved 2008), analysis was performed by UV-Vis.

Test Item(s)	Limit	Unit	MDL	001
Formaldehyde Emission	★	ppm	0.01	0.06

Notes :

- (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.
- (3) ppm = parts of formaldehyde per million parts air
- (4) ★=See table

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SHCM 5492560

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Reference Limit:

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.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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