



Test Report

No. VNHL1907011672HG

Date: August 07, 2019

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The following sample was submitted and identified on behalf of the client as below:

SGS Job No. : VNHL1907011672HG

Sample Description : [REDACTED] SPC FLOORING

Buyer : [REDACTED]

Manufacturer : [REDACTED]

Characteristic : "PVC+BOT DA+PHU GIA"

Country of Origin : [REDACTED]

Sample Receiving Date : JULY 12, 2019

Final confirmed Date : JULY 12, 2019

Testing Period : JULY 12, 2019 TO AUGUST 07, 2019

Test Requested : PLEASE REFER TO THE RESULT SUMMARY.

Test Results : PLEASE REFER TO NEXT PAGE(S).

Result Summary :

Test Requested	Conclusion
Smoke Density-ASTM E662	Data / See results

Signed for and on behalf of
SGS Vietnam LTD



Wong Cho Wing
Hardline and E&E Lab Manager

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Test results:

Sample description: XXXXXXXXXX SPC FLOORING 76.2MM X 76.2MM

1. ASTM E 662-2018

I. Test conducted

This test was conducted according to ASTM E 662-2018 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

II. Sample details

Sample description	One sample of panel
Color / Thickness	Wood color / About 5.5mm
Dimension	75mm×75mm
Condition prior to testing	Prior to testing, the submitted sample was dried for 48 h at 60±3°C and then 23±3°C and RH 50±5% till constant weight
Irradiance Exposure	2.50±0.05 W/cm ²
Test face	Wood surface

III. Test results

1) Flaming mode

	Test Specimen			Flaming dripping or flaming running	Average
	#1	#2	#3		
Temperature of chamber wall (°C)	37	37	37	NO	
$D_{S^{1.5}}$	52.6	63.4	55.7		57.2
$D_{S^{4.0}}$	220.1	210.9	233.3		221.4
D_m	360.9	373.8	371.2		368.6
t_{D_m} (min)	14.8	16.2	16.9		
$Dm(corr)$	353.5	366.4	365.5		361.8
Observations	Color of the smoke: Grey				

To be continued...

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2) Non - Flaming mode

	Test Specimen			Flaming dripping or flaming running	Average
	#1	#2	#3		
Temperature of chamber wall (°C)	37	37	37	NO	
$D_{S^{1.5}}$	0	0	0		0
$D_{S^{4.0}}$	28.7	26.7	24.5		26.6
D_m	357.4	362.7	356.8		359.0
t_{D_m} (min)	20	20	20		
$Dm(\text{corr})$	337.5	339.6	341.2		339.4
Observations	Color of the smoke: Grey				

Note:

$D_{s1.5}$ — Specific optical density at 1.5 minutes;

$D_{s4.0}$ — Specific optical density at 4.0 minutes;

D_m — Maximum Specific optical density at any time during the 20 minutes;

t_{D_m} — The time in minutes for the smoke to accumulate to the maximum specific optical density;

$D_m(\text{corr})$ — D_m corrected for incidental deposits on the optical surface.

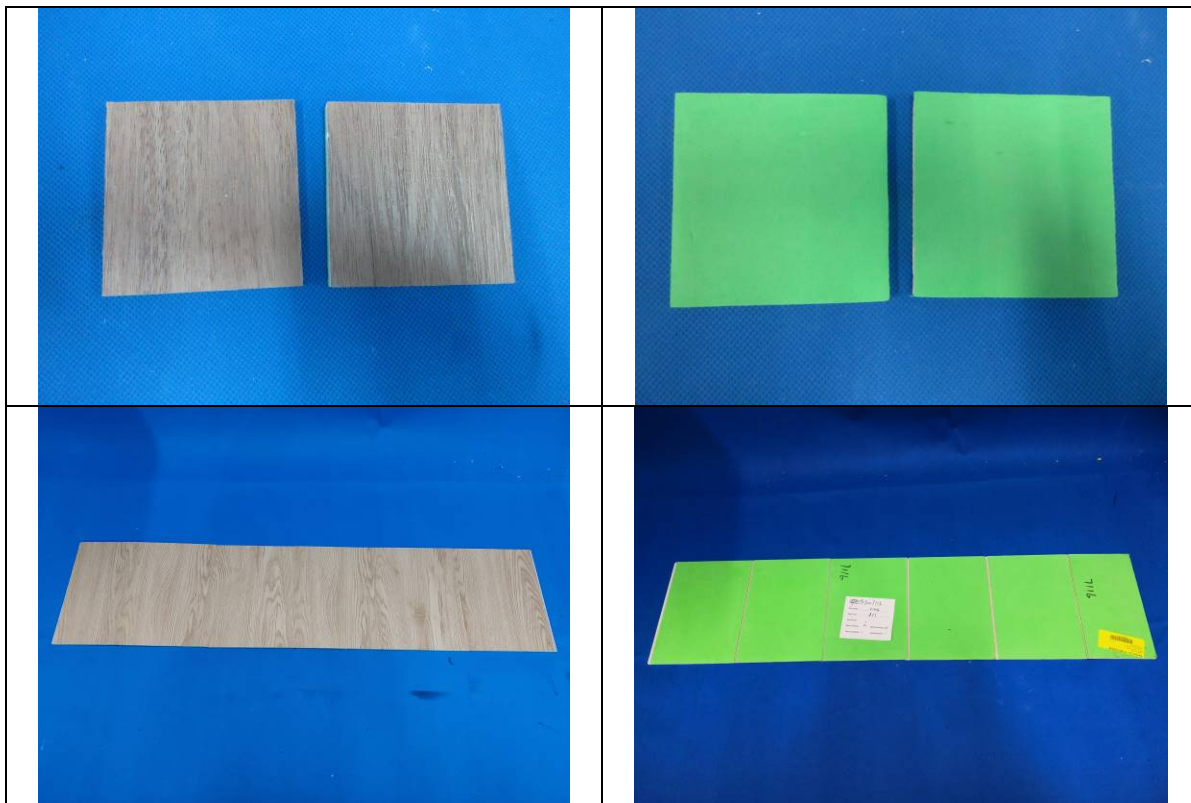
Remark: This / these test(s) was / were performed by SGS Anji's Hardline Lab.

To be continued...

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PHOTO OF SUBMITTED SAMPLE FOR TESTING


REPORT RESULTS REFER TO SUBMITTED SAMPLE (S) ONLY

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

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