SHANDONG XIANGYING NEW MATERIALS TECHNOLOGY CO., LTD
850 METERS WEST OF THE ROAD SOUTHEAST OF WANYAO VILLAGE, TANYI INDUSTRIAL PARK, TANYI TOWN, FEI COUNTY, LINYI CITY, SHANDONG PROVINCE

Sample Description : WOOD-PLASTIC COMPOSITES

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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SGS Ref No. : CAN24-0062096
Sample Receiving Date : Apr 02, 2024
Test Performing Date : Apr 02, 2024 to May 16, 2024
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Volatile Organic Compounds(VOC)	See Results	/
2	Carbonyl Compounds:	See Results	/
3	Semi-quantitative analysis of the top 20 individual substances emission from the submitted sample.	See Results	/
For further details, please refer to the following page(s)			

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

Scan to see the report
SDHL2404005118HI
Verification:
check.sgsonline.com.cn

Peter Zhao
Authorized Signatory

SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN24-0062096-0001.C001	Brown surfaced board

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

VOCs

Test Metho(s) With reference to ISO 16000-9:2006 / COR1-2007 &ISO 16000-6:2021&ISO16000-3:2022.Testing was performed by Environmental Chamber (0.05m3), followed by sampling using Tenax-TA and DNPH tube, analysis using Thermodesorption System with Gas Chromatography Mass Spectrometry (TDS-GC/MS) and High Performance Liquid Chromatography-DAD (HPLC-DAD).
Semi-quantitative analysis of the top 20 individual and total volatile organic compounds (TVOC) emission on the submitted sample.

No.	Compound Name	CAS No.	Result(mg/ m3)
			28 day
1	Tetradecane	629-59-4	0.005
2	Aliphatic compound	-	0.005
3	Toluene	108-88-3	0.005
4	Ethylbenzene	100-41-4	0.004
5	Aliphatic compound	-	0.003
6	Ethyl Acetate	141-78-6	0.002
7	-	-	ND
8	-	-	ND
9	-	-	ND
10	-	-	ND
11	-	-	ND
12	-	-	ND
13	-	-	ND
14	-	-	ND
15	-	-	ND
16	-	-	ND
17	-	-	ND
18	-	-	ND
19	-	-	ND
20	-	-	ND
21	TVOC	-	0.023

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch Hardware

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Remark:
1. N.D.=not detectable (<R.L.)
2.R.L.= 0.002mg/m3
3. mg/(m^2 h) = milligram per square metre and hour / mg/m3 = milligram per cubic metre
4. Results were based on semi-quantitative analysis and calculated by toluene TIC calibration curve.
5. Qualitative analysis bases on the NIST & Wiley Library search results. Substance name will be provided when substance searched by NIST & Wiley library is of a similarity > 85%. "Unknown" or "? + substance" will be provided when substance searched by NIST & Wiley library with a similarity < 85%.
6. > = exceed the range of calibration curve.
7. * = saturated peak was found in the chromatogram

Carbonyl Compounds:

No.	Compound Name	CAS No.	Result(mg/ m3)
			28 day
1	Formaldehyde	50-00-0	ND
2	Acetaldehyde	75-07-0	ND

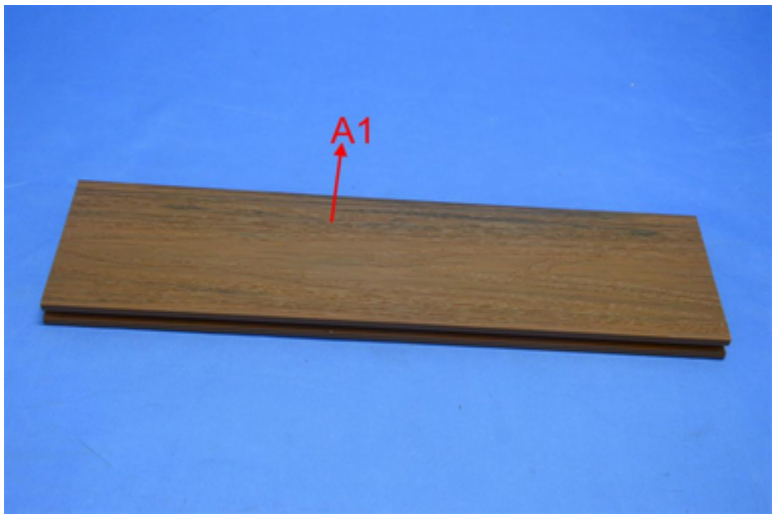
Remark:
1. N.D.=not detectable (<R.L.)
2. R.L.= 0.002 mg/m3
3. mg/(m2 h) = milligram per square metre and hour / mg/m3 = milligram per cubic metre

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch
检验检测专用章 Inspection & Testing Services

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Photo Appendix:



Remark: This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.

End of Report

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