

Test Report

No.: CZXHL25001198301

Date: Jun 24, 2025

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Client Name: [CLIENT]

Client Address:

Sample Description: PVC-FREE PP INTERIOR FILM

Style No.: PVC-FREE PP SERIES

Item No.: PVC-FREE PP SERIES

SKU No.:

P.O. No.:

Client Ref. Information: CUSTOMER SERIES - MULTIPLE SKUs

Origin of the Product(s): CHINA

Destination of the Product(s):

The above sample(s) and information were provided by the client.

SGS No.: CZHL2506005665HI

Sample Receiving Date: Jun 08, 2025

Testing Period: Jun 08, 2025 ~ Jun 24, 2025

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

Conclusion: Based on the submitted sample(s), test was performed according to Decree 2011-321 relative to the labeling of construction products, floor or wall coverings and paints and lacquers concerning their emission of volatile pollutants, sample is A+ class.

Signed for and behalf of
SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd
Test address: 6F, Building 30, Heimudan Science Park, Tianning District,
Changzhou, Jiangsu, China

Kevin Tian

Kevin Tian

Approved Signatory

Scan to see the report



CZXHL25001198301

Verification:
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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CZX25-0011983-0001.C001	Wood grain colored soft plastic

Remarks:

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

Volatile Pollutants (VOCs)

Test Method: With reference to ISO 16000-9:2024 & ISO 16000-6:2021 & ISO 16000-3:2022.
Testing was performed by Environmental Chamber, 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).

Test Item(s)	CAS No.	Unit(s)	A1
Test condition			
Chamber Volume	-	m ³	0.06
Storage condition (Temperature)	-	°C	23.0
Storage condition (Humidity)	-	%	50.1
Air Exchange Rate	-	/h	0.5
Test Time	-	Day(s)	7
Sample loading	-	m ² /m ³	1.0
Tenax Sampling Flow	-	mL/min	200
Tenax Sampling Time	-	minute(s)	25
Tenax Sampling Volume	-	L	5
DNPH Sampling Flow	-	mL/min	300
DNPH Sampling Time	-	minute(s)	60
DNPH Sampling Volume	-	L	18
MDL_1	-	µg/m ³	2.0

Test Item(s)	CAS No.	Unit(s)	A1
VOCs and Carbonyl Compounds			
Formaldehyde	50-00-0	µg/m ³	ND
Acetaldehyde	75-07-0	µg/m ³	ND
Toluene	108-88-3	µg/m ³	19.2
Tetrachloroethene	127-18-4	µg/m ³	25.8
Xylene	1330-20-7	µg/m ³	11.8
1,2,4-Trimethylbenzene	95-63-6	µg/m ³	ND
1,4-Dichlorobenzene	106-46-7	µg/m ³	ND
Ethylbenzene	100-41-4	µg/m ³	4.3
Ethylene Glycol Monobutylether	111-76-2	µg/m ³	ND
Styrene	100-42-5	µg/m ³	2.9
Total Volatile Organic Compounds(TVOC)	-	µg/m ³	567.0



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Notes:

1. $\mu\text{g}/\text{m}^3$ = micrograms per cubic metre

Evaluation according to Decree 2011-321 relative to the labeling of construction products, floor or wall coverings and paints and lacquers concerning their emission of volatile pollutants

Classes	C	B	A	A+
Formaldehyde	> 120	< 120	< 60	< 10
Acetaldehyde	> 400	< 400	< 300	< 200
Toluene	> 600	< 600	< 450	< 300
Tetrachloroethylene	> 500	< 500	< 350	< 250
Xylene	> 400	< 400	< 300	< 200
1,2,4-Trimethylbenzene	> 2000	< 2000	< 1500	< 1000
1,4-Dichlorobenzene	> 120	< 120	< 90	< 60
Ethylbenzene	> 1500	< 1500	< 1000	< 750
Ethylene Glycol Monobutylether	> 2000	< 2000	< 1500	< 1000
Styrene	> 500	< 500	< 350	< 250
TVOC	> 2000	< 2000	< 1500	< 1000

Remark:

Unit: $\mu\text{g}/\text{m}^3$

Calculated Result = SER / q

The concentrations of exposition are calculated in a conventional reference room of a total volume (V) of 30 m^3 , in which is applied a rate of air renewal (n) of 0.5 h^{-1} and which dimensions are specified here below:

	Surface (S) (m^2)	Load rate ($\text{L}=\text{S}/\text{V}$) (m^2/m^3)	Surface specific emission output ($\text{q}=\text{n}/\text{L}$) ($\text{m}^3.\text{m}^{-2}.\text{h}^{-1}$)
Floor	12	0.4	1.25
Ceiling	12	0.4	1.25
One door	1.6	0.05	10
One window	2	0.07	7
Walls (minus door and window)	31.4	1	0.5
Joints (or very small surfaces)	0.2	0.007	70

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.



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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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