

Test Report No.: CZHL250600645801HI Date: JUL. 24, 2025 Page 1 of 6

ZHANGJIAGANG KAILIDA PLASTIC CO., LTD
TIANZHUANG VILLAGE, GANGKOU, FENGHUANG TOWN, ZHANGJIAGANG CITY

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

Sample Description : PVC FLOORING
Manufacturer : ZHANGJIAGANG KAILIDA PLASTIC CO., LTD
Supplier : ZHANGJIAGANG KAILIDA PLASTIC CO., LTD
Country of Origin : CHINA

Sample Receiving Date : JUN. 25, 2025
Testing Period : JUN. 25, 2025 TO JUL. 24, 2025
Testing Performed : Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	Resilient floor coverings – Heterogeneous poly (vinyl chloride) floor coveirngs – Specifications (ISO 10582:2017)	Pass

*** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ***

SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd.

Test address: 1st, 2nd Floors, Building 30, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China.

Summer Wen

Summer Wen

Authorized Signatory

Scan to see the report



CZHL250600645801HI
Verification:
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Test Result(s):

1. Resilient floor coverings – Heterogeneous poly (vinyl chloride) floor coverings – Specifications (ISO 10582:2017) Clause 4.2

- 1) Test method: ISO 24342:2024
- 2) Nominal length: 914.4mm
- 3) Nominal width: 152.4mm
- 4) Ambient condition: (23 ± 2) °C, (50 ± 5) %RH

Clause	Type	Test item	Requirement	Test result	Result
Determination of side length, edge straightness and squareness of tiles	Nominal thickness: 2.0mm	Length	Deviation ≤ 0.15 % of nominal length up to 0.5 mm maximum	Average: 914.5mm Deviation: 0.01% & 0.1mm	Pass
		Width	Deviation ≤ 0.10 % up to 0.5 mm maximum	Average: 152.4mm Deviation: 0% & 0mm	Pass
		Squareness	≤0.35mm	Maximum value: 0.25mm	Pass
		Straightness	≤0.35mm	Maximum value: 0.25mm	Pass
	Nominal thickness: 3.0mm	Length	Deviation ≤ 0.15 % of nominal length up to 0.5 mm maximum	Average: 914.5mm Deviation: 0.01% & 0.1mm	Pass
		Width	Deviation ≤ 0.10 % up to 0.5 mm maximum	Average: 152.5mm Deviation: 0.07% & 0.1mm	Pass
		Squareness	≤0.35mm	Maximum value: 0.25mm	Pass
		Straightness	≤0.35mm	Maximum value: 0.20mm	Pass



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2. Resilient floor coverings – Heterogeneous poly (vinyl chloride) floor coverings – Specifications (ISO 10582:2017) Clause 4.2

- 1) Test method: ISO 24342:2024
- 2) Ambient condition: (23 ± 2) °C, (50 ± 5) %RH

Clause	Type	Requirement	Test result	Result
Determination of overall thickness	Nominal thickness: 2.0mm	Average deviation: Nominal value+0.13mm - 0.10mm Individual deviation: Average value±0.15mm	Average value: 2.11mm Average deviation: 0.11mm Maximum value: 2.15mm Minimum value: 2.08mm Individual deviation: -0.03mm~0.04mm	Pass
	Nominal thickness: 3.0mm		Average value: 3.09mm Average deviation: 0.09mm Maximum value: 3.15mm Minimum value: 3.02mm Individual deviation: -0.07mm~0.06mm	Pass

3. Resilient floor coverings – Heterogeneous poly (vinyl chloride) floor coverings – Specifications (ISO 10582:2017) Clause 4.2

- 1) Number of test sample: 5pcs
- 2) Sample size: 100×100mm
- 3) Test method: ISO 23997:2007
- 4) Nominal value: 3800g/m² (2.0mm), 5500g/m² (3.0mm)
- 5) Ambient condition: (23 ± 2) °C, (50 ± 5) %RH

Clause	Type	Requirement	Test result	Result
Determination of mass per unit area	Nominal thickness: 2.0mm	Nominal value+13% - 10%	Average value: 3840g/m ² Deviation: 1.1%	Pass
	Nominal thickness: 3.0mm		Average value: 5540g/m ² Deviation: 0.7%	Pass



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4. Resilient floor coverings – Heterogeneous poly (vinyl chloride) floor coverings – Specifications (ISO 10582:2017) Clause 4.2

- 1) Number of test sample: 3pcs
- 2) Sample size: 240×240mm
- 3) Test method: ISO 23999:2021
- 4) Ambient condition: (23 ± 2) °C, (50 ± 5) %RH

Clause	Type	Requirement	Test result	Result
Determination of dimensional stability and curling after exposure to heat	Nominal thickness: 2.0mm	Dimensional stability: ≤ 0,25 % Curling: ≤ 2 mm	Dimensional stability: MD: 0.10% AMD: 0.05% Curling: 0mm	Pass
	Nominal thickness: 3.0mm		Dimensional stability: MD: 0.15% AMD: 0.05% Curling: 0mm	Pass

Note: MD means manufacturing direction, AMD means across-manufacturing direction.

5. Resilient floor coverings – Heterogeneous poly (vinyl chloride) floor coverings – Specifications (ISO 10582:2017) Clause 4.2

- 1) Number of test sample: 3pcs
- 2) Sample size: 60×60mm
- 3) Test method: ISO 24343-1:2007
- 4) Ambient condition: (23 ± 2) °C, (50 ± 5) %RH

Clause	Type	Requirement	Test result	Result
Determination of residual indentation	Nominal thickness: 2.0mm	≤0.1mm	0.04mm	Pass
	Nominal thickness: 3.0mm		0.03mm	Pass



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6. Resilient floor coverings – Heterogeneous poly (vinyl chloride) floor coverings – Specifications (ISO 10582:2017) Clause 4.2

- 1) Test method: ISO 4918:2016+Amd 1:2018
- 2) Type of wheels: Type H
- 3) Total mass of loading: 90kg
- 4) Number of test cycles: 25000r
- 5) Ambient condition: (23 ± 2) °C, (50 ± 5) %RH

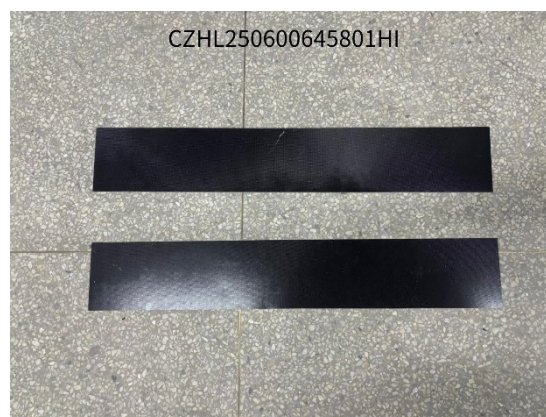
Clause	Type	Result
Effect of a castor chair	Nominal thickness: 2.0mm	No damage was found after test
	Nominal thickness: 3.0mm	No damage was found after test

Photo Appendix

Photo relative to overall specimen:



Received Sample (front view)



Received Sample (back view)

Result/Rating/Record Key(s)

- I. Result/Rating Keys: P = Pass = Meet; F = Fail = Not Meet; N/A = Not applicable = Not suitable; NR = NC = Test not conduct/requested per client request; TT = Test terminated due to the earlier failure of last test.
- II. Record Keys: "C:" means Claimed parameter; "A:" means Actual recorded from test; "D:" means Data for reference only.

General Report Note(s)

- A. N.B. Only applicable clauses were shown.



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- B. (1) 1mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL)
(4) “-” = Not Regulated
- C. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
- D. This document cannot be used for publicity, without prior written approval of the SGS.
- E. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. Testing results only apply to the sample as received.
- F. The declaration of conformity is based on acceptance limits chosen based on simple acceptance ($w = 0$, $AL = TL$).

Statements of conformity are reported as:

Passed - The measured values were observed in tolerance at the points tested.

Failed - One or more measured values were observed out of tolerance at the points tested.

*** End of Report ***



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