

TEST REPORT

No. : SHIN2306000686CM03_EN

Date : 2023-06-28

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scan to see the report



SHIN2306000686CM03

CUSTOMER NAME: DAREKAOU (CHANGZHOU) DECORATIVE MATERIALS CO., LTD.
ADDRESS: 2203 RM., 398# TONGJIANG RD.,, NEW NORTH DISTRICT,
CHANGZHOU, JIANGSU

Sample Name : SPC FLOOR
Product Specification : 1220x230x4.3mm+1.7mm IXPE (6mm)
Product or Lot No. : 2023/04/28
Manufacturer : JIANGSU SINOFLOR NEW MATERIAL CO.,LTD
Buyer : Oceanus Decor & Flooring Inc.
Material : OCEANUS

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : 2023-06-12
Testing Period : 2023-06-12 ~ 2023-06-28
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Shanghai) Co., Ltd..

Ziven Wang

Ziven Wang
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Wear Layer Thickness	ASTM F410-08(2022)	See Result	/
2	Dimensional Stability and Curling after Exposure to Heat	ASTM F2199-20	See Result	/
3	Residual Indentation	ASTM F3261-20 Section 8.1 & ASTM F1914-18	See Result	/
4	Locking Strength	ISO 24334:2019	See Result	/

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/: Not Apply to the judgment.

Original Photo(s)



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1. Test Item: Wear Layer Thickness

Test Method: ASTM F410-08(2022)

Test Condition:

Specimen: 50mm×13mm×6mm, 5pcs

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result
Wear Layer Thickness (mm)	<p>Average Value: 0.4425</p> <p>Maximum Value: 0.4475</p> <p>Minimum Value: 0.4375</p>

Note: Test specimens were cut from original samples.



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2. Test Item: Dimensional Stability and Curling after Exposure to Heat

Test Method: ASTM F2199-20

Test Condition:

Specimen: 305mm×127mm×6mm, 2pcs

Heating temperature: 82°C

Heating time: 6h

Lab Environmental Condition: (23±1)°C, (50±5)%RH

Test Result:

Test Item			Test Result		
			Individual Value		Average Value
Dimensional Stability and Curling after Exposure to Heat	Dimensional Stability - Linear Change (%)	MD	0.017	0.016	0.016
		AMD	0.020	0.020	0.020
	Curling (in)		0.000	0.000	0.000
			Maximum Curling: 0.000		

Note:

- 1). A negative value indicates shrinkage, and a positive value indicates growth.
- 2). Upward curl is expressed as a positive curling and downward curl is expressed as a negative curling.
- 3). Test specimens were cut from original samples.



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3. Test Item: Residual Indentation

Test Method: ASTM F3261-20 Section 8.1 & ASTM F1914-18

Test Condition:

Specimen: 50mm×50mm×6mm, 3pcs

The diameter of indenter: 6.35mm

Total load: 34kg

Maintain time: 15min

Recovery time: 60min

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result			
	Individual Value			Average Value
Residual Indentation (mm)	0.050	0.050	0.100	0.075

Note: Test specimens were cut from original samples.



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4. Test Item: Locking Strength

Test Method: ISO 24334:2019

Test Condition:

Specimen: 220mm×200mm×6mm, 10pcs(5pcs for long side,5pcs for short side)

Test rate: 5mm/min

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item		Test Result		
		f _{max} (kN/m)	f _{0.2} (kN/m)	Δs (mm)
Locking Strength	Short side	5.9	0.4	1.93
	Long side	6.0	0.5	2.03

Note:

1. Test specimens were cut from original sample.
2. Test specimens were jointed by two pieces.

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*****End of report*****



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