

TEST REPORT

No. : SHIN2403000612CM08_EN

Date : 2024-05-14

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CUSTOMER NAME: CHANGZHOU YAMING WOOD INDUSTRY CO., LTD
ADDRESS: NO.55 XINHENGCUI ROAD, ECONOMIC ZONE, CHANGZHOU CITY,
JIANGSU PROVINCE, 213103

Sample Name : COMPACT LAMINATE
Product Specification : 12mm
Other Information : White

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.

SGS Ref. No. : SHIN2403000094CPC12
Date of Receipt : 2024-03-21
Testing Period : 2024-03-21 ~ 2024-04-03
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..

Xander Yang

Xander Yang
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Resistance to Immersion in Boiling Water	EN 438-7:2005 Clause 4.13.1 & EN 438-2:2005 Clause 12	See Result	Pass

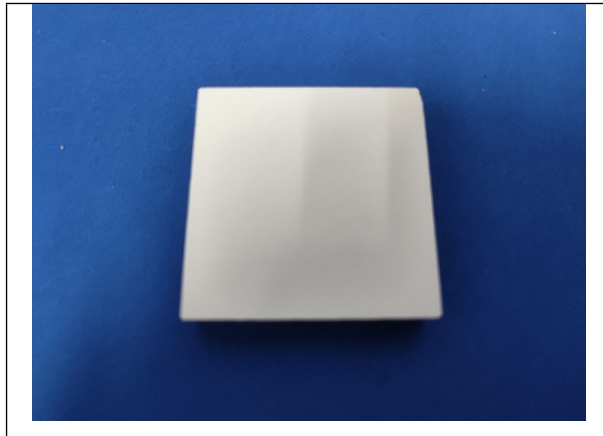
Note:

Pass : Meet the requirements;

Fail : Does not meet the requirements;

N/A : Not Apply to the judgment.

Original Sample Photo(s):



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Test Item: Resistance to Immersion in Boiling Water

Test Method: EN 438-7:2005 Clause 4.13.1 & EN 438-2:2005 Clause 12

Test Condition:

Specimen: 50mm×50mm×12mm, 3pcs

Treatment condition: Immersion in boiling water for 2h→ Immersion in cooling water at 23°C for 15min.

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

Test Result:

Test Item		Test Result	Requirement in EN 438-7:2005 Clause 4.13.1 & EN 438-4:2005 Table 3 CGS	Conclusion
Resistance to Immersion in Boiling Water	Water Absorption (%)	1.21	≤2.0	Pass
	Swelling in Thickness (%)	1.32	≤2.0	Pass
	Gloss Finish	Rating 5	≥3	Pass
	Other Finishes	Rating 5	≥4	Pass

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Original Data:

Test Item		Test Result			
		Individual Value			Average Value
Resistance to Immersion in Boiling Water	Water Absorption (%)	1.28	1.03	1.31	1.21
	Swelling in Thickness (%)	1.32	1.15	1.23	1.32
		1.82	1.23	1.48	
		1.24	1.23	1.40	
		1.33	1.23	1.23	
	Surface Rating Scale*	Rating 5	Rating 5	Rating 5	/
	Edge Rating Scale*	Rating 5	Rating 5	Rating 5	/

*Surface rating scale:

Rating 5: No visible change

Rating 4: Slight change of gloss and/or colour, only visible at certain viewing angles

Rating 3: Moderate change of gloss and/or colour

Rating 2: Marked change of gloss and/or colour or surface blistering

Rating 1: Surface layers delamination

*Edge rating scale:

Rating 5: No visible change

Rating 4: Slight hairline edge cracks visible to the naked eyes

Rating 3: Moderate edge cracks

Rating 2: Severe edge cracks

Rating 1: Core layers delamination

Unless otherwise stated, this report provides a declaration of conformity according to whether the test results are within the specified limits or specifications without considering the measurement uncertainty.

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



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