

## TEST REPORT

No. : XMIN2405000961CM02\_EN

Date : 2024-06-12

Page: 1 of 8

CUSTOMER NAME: YINAN JINTAI GMT PALLET CO. , LTD  
ADDRESS: XIYUEZHUANG VILAGE ,YINAN COUNTY ,SHANDONG, CHINA

Sample Name : GMT PALLET  
Manufacturer : YINAN JINTAI GMT PALLET CO. , LTD  
Material : Fiber glass

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.

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SGS Ref. No. : GZMR240501488001  
Date of Receipt : 2024-05-27  
Testing Period : 2024-05-27 ~ 2024-06-12  
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 Co.,Ltd. Xiamen Branch.



Bryan Hong  
Authorized signatory



SGS-CSTC Standards Technical Services Co.,Ltd.  
Xiamen Branch Testing Center, Xiamen Torch Industrial Zone, Xiamen, Fujian Province, China

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TEST REPORT

No. : XMIN2405000961CM02\_EN  
Date : 2024-06-12  
Page: 2 of 8

Summary of Results:

No.	Test Item	Test Method	Result	
1	Shore Hardness	ASTM D2240-15(2021)	D/74/1	
2	Striker Impacted by a Falling Weight	ASTM D5420-21	Mean failure energy: > 35J	
3	Flexural Test	ISO 178:2019 Method A and client's requirement	Flexural Strength	25.0MPa
			Flexural Modulus	3010MPa
4	Water Absorption	GB/T 1034-2008 Method 1 and client's Requirement	1.55%	



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TEST REPORT

No. : XMIN2405000961CM02\_EN

Date : 2024-06-12

Page: 3 of 8

1.Test Item: Shore Hardness

Sample Description: Sheet

Test Method: ASTM D2240-15(2021)

Test Condition:

Specimen thickness:39.30mm

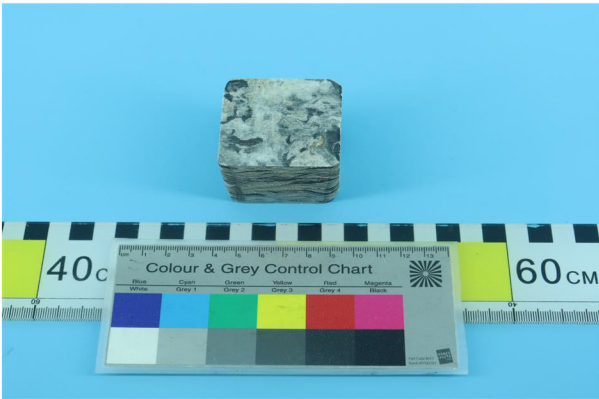
Lab Environmental Condition: (23±2)℃, (50±5)%RH

Test Result:

Test Item	Test Result
Shore Hardness	D/74/1

Note: D/X/1 Indicates that D is the type of durometer; X is the hardness value; 1 s is the reading time.

Test Photo:



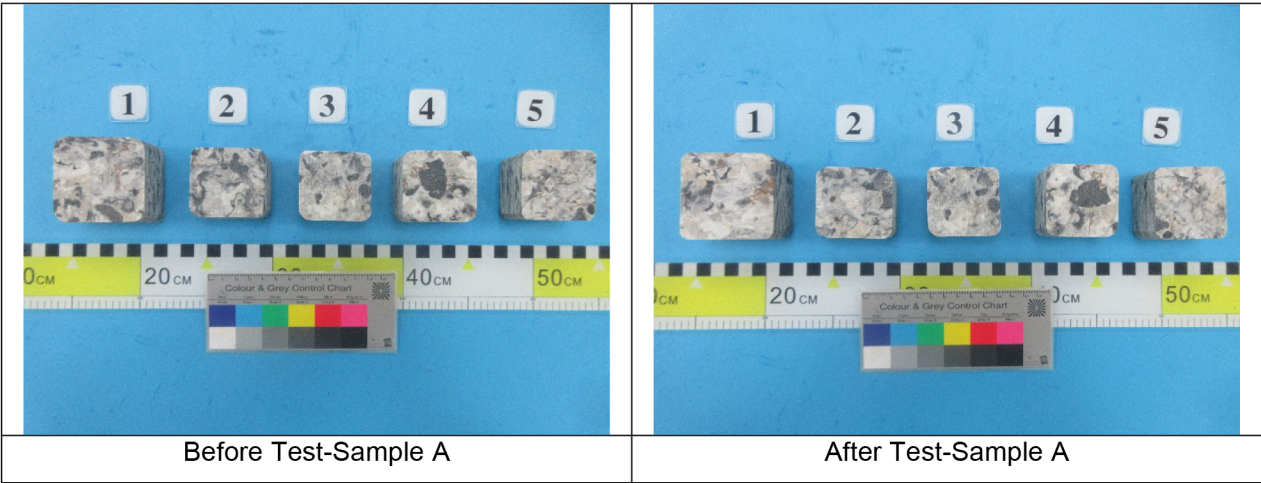
Original Sample-Sample A

TEST REPORT

No. : XMIN2405000961CM02\_EN

Date : 2024-06-12

Page: 4 of 8



2.Test Item: Striker Impacted by a Falling Weight

Sample Description: Sheet

Test Method: ASTM D5420-21

Test Condition:

Specimen thickness: 39.23mm

Geometry: GE

Strike weight: 3.6kg

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

Test Result:

Test Item	Test Result
Striker Impacted by a Falling Weight	Mean failure energy: >35J

Note: Test result exceeded the upper limit of the tester.



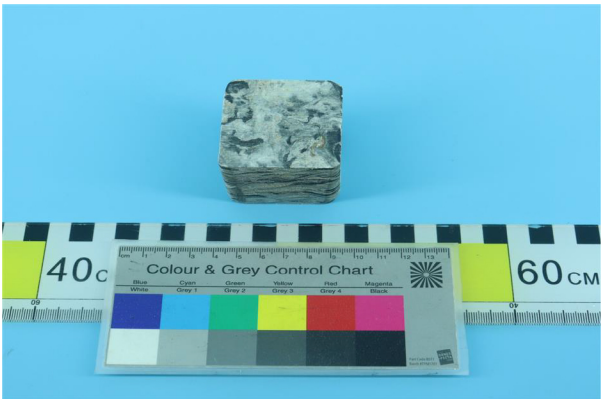
TEST REPORT

No. : XMIN2405000961CM02\_EN

Date : 2024-06-12

Page: 5 of 8

Test Photo:



Original Sample-Sample A



Before Test-Sample A



After Test-Sample A

TEST REPORT

No. : XMIN2405000961CM02\_EN  
Date : 2024-06-12  
Page: 6 of 8

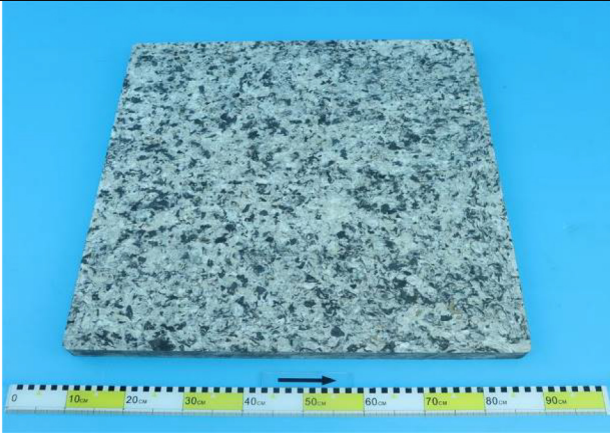
3.Test Item: Flexural Test  
Sample Description: Sheet  
Test Method: ISO 178:2019 Method A and client's requirement  
Client's requirement: Span: 500mm  
Test Condition:  
Specimen: 650mm×49.8mm×39.60mm  
Testing speed: 20mm/min  
Span: 500mm  
Lab Environmental Condition: (23±2)℃, (50±5)%RH

Test Result:

Test Item	Test Result
Flexural Strength	25.0MPa
Flexural Modulus	3010MPa

Note: Test specimens were cut from the sample.

Test Photo:



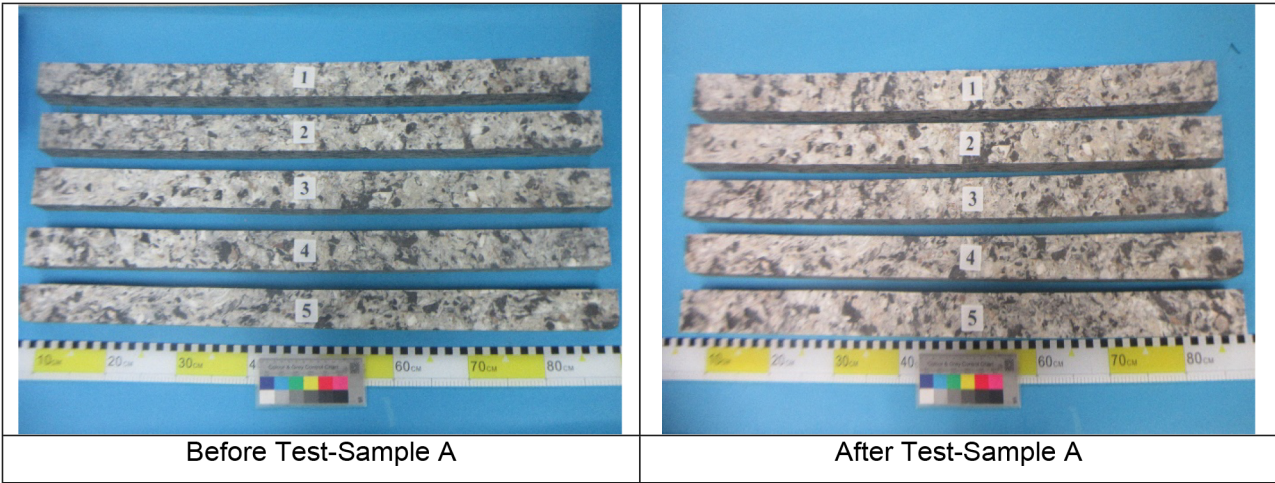
Original Sample-Sample A

TEST REPORT

No. : XMIN2405000961CM02\_EN

Date : 2024-06-12

Page: 7 of 8



4.Test Item: Water Absorption

Sample Description: Sheet

Test Method: GB/T 1034-2008 Method 1 and client's requirement

Client's Requirement: Specimen: 52mm×49mm×39.6mm

Test Condition:

Specimen: 52mm×49mm×39.6mm

Drying condition: 50±3℃, 24h

Immersion condition: 23℃, 24h

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

Test Result:

Test Item	Test Result
Water Absorption	1.55%

Note:

1. Water absorption, %=(Mass after immersion-Mass after drying and before immersion)/Mass after drying and before immersion×100



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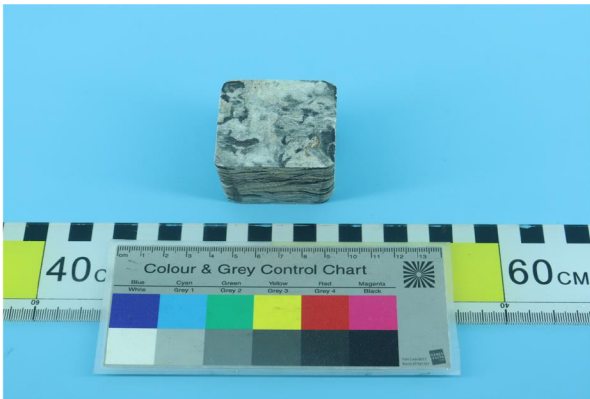
TEST REPORT

No. : XMIN2405000961CM02\_EN

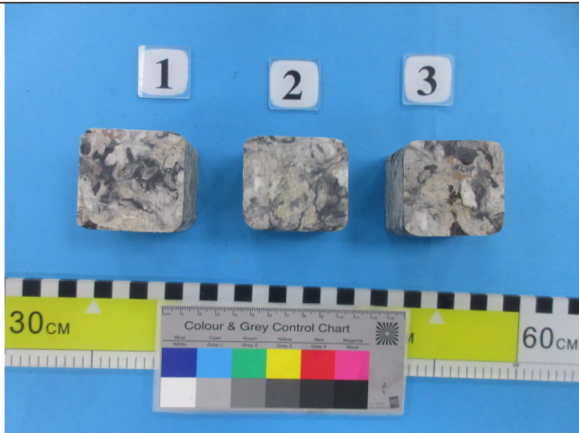
Date : 2024-06-12

Page: 8 of 8

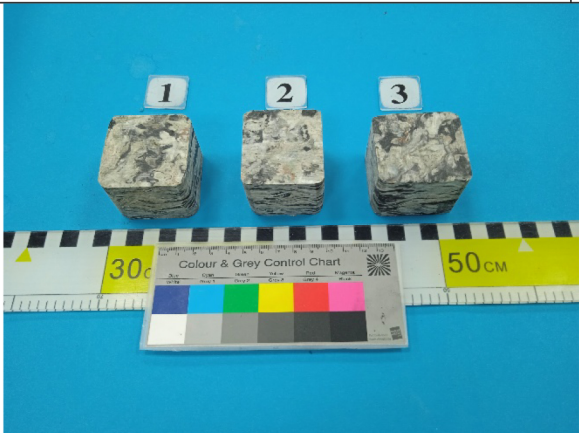
Test Photo:



Original Sample-Sample A



Before Test-Sample A



After Test-Sample A

Note: 1. The above test project/method was carried out by subcontractors.  
2. The test results in this test report were transferred from test report No.: XMIN2405000961CM01\_EN dated: 2024-06-06.

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