

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.

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



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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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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)°C, (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

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Xiamen Branch Testing Center

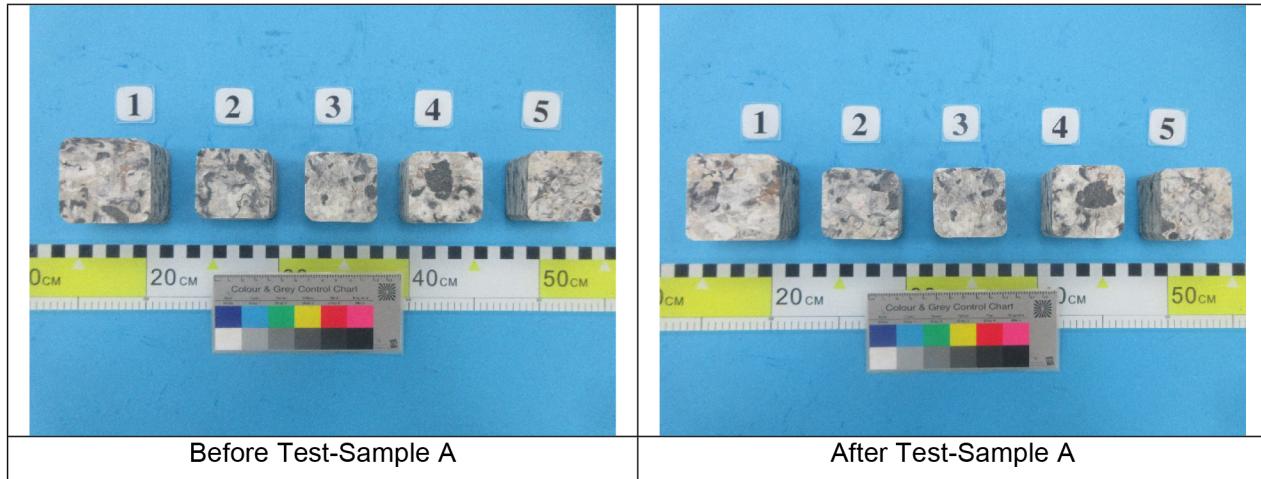
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2. Test Item: Striker Impacted by a Falling Weight

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)°C, (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.

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Test Photo:



Original Sample-Sample A



Before Test-Sample A



After Test-Sample A

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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

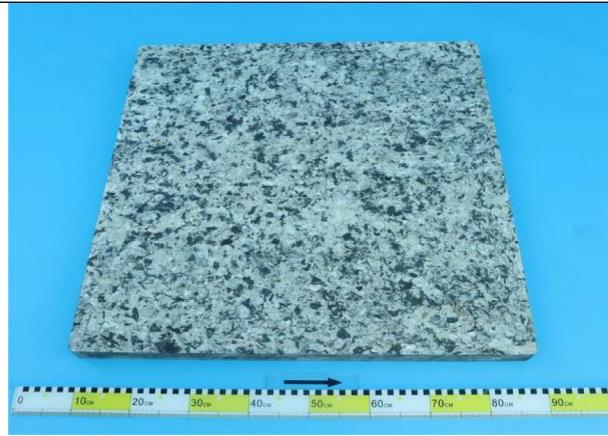
Lab Environmental Condition: (23±2)°C, (50±5)%RH

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

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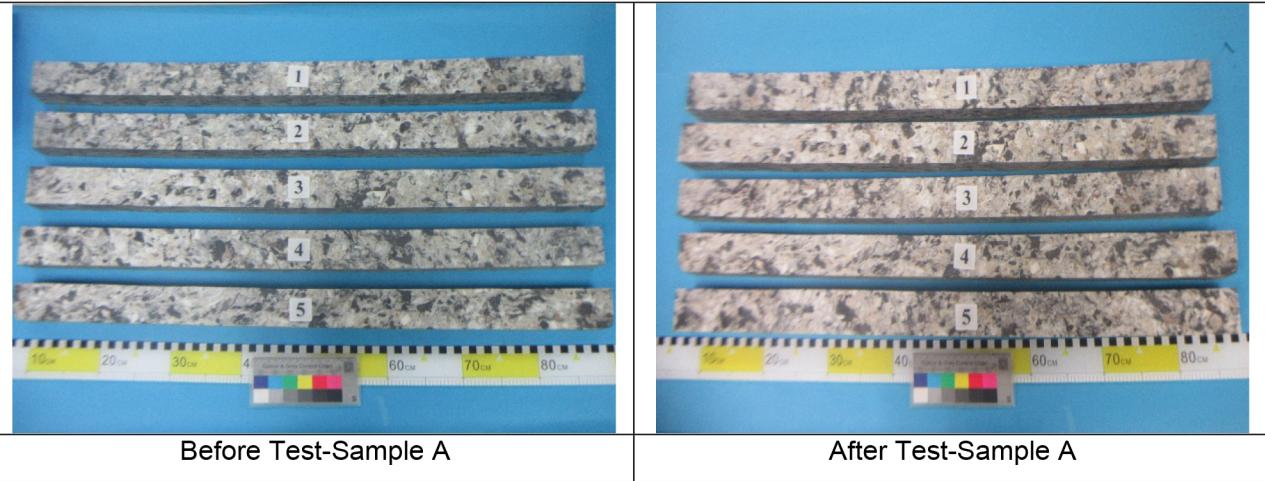
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4. Test Item: Water Absorption

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°C, 24h

Immersion condition: 23°C, 24h

Lab Environmental Condition: (23±2)°C, (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 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*****

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t (86-592) 5765857

www.sgsgroup.com.cn

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