Prime Vita Limited

TEST REPORT

SCOPE OF WORK
Magnesium oxide board

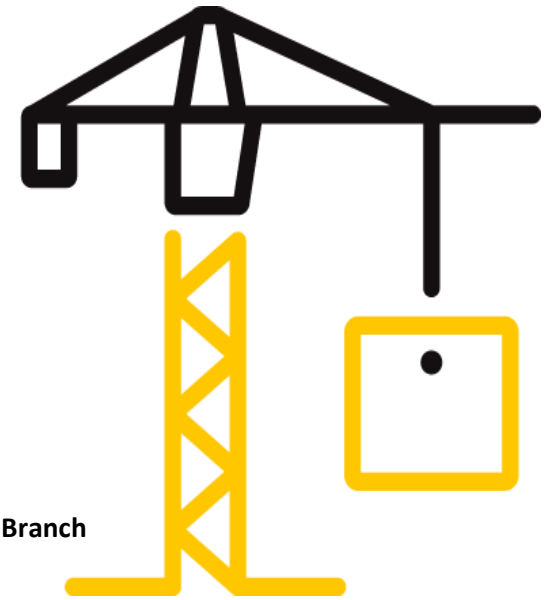
REPORT NUMBER
250901008SHF-001

TEST DATE(S)
2025-09-01 - 2025-09-15

ORIGINAL ISSUE DATE
2025-09-15

PAGES
7

DOCUMENT CONTROL NUMBER
LFT-APAC-SHF-OP-10k(January 13, 2025)



Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

Statement

1.This report is invalid without company's special seal for testing on the assigned page.

2.This report is invalid without an authorized person's signature.

3.This report is invalid if altered.

4.Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Don't copy this report in partial without any official approval in written by our company. This report is invalid without re-stamping the special seal for testing in copying report.

5.This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

6.Except for the obligation, responsibility and liability (if any) for the appropriateness and professionality of afore-mentioned testing itself within the scope and amount of the testing fee received, Intertek does not and will not accept any other obligation or liability.

7.If the Client has any questions about the test results, Intertek B&C should be informed within the storage period of the samples. The sample storage period ends 5 working days after the offical report issue date. Samples of certification program are retained for the period required by the certification rules. The samples storage period shall be calculated according to the issue date of the original report in the case of quoting results and modifying reports.

8.Intertek B&C will service this report for the entire test record retention period. The test record retention period ends 6 years after this report original issue date. The test record retention period for certification program is 10 years. Test records and other pertinent project documentation will be retained for the entire test record retention period.

9.The report was digital signed by Shang Hai, Intertek Group plc, please using Adobe Acrobat Reader to verify the authenticity.

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch
Plant 5 & 11(4F), No. 6958 Daye Road, Fengxian District, Shanghai, China
Tel: +86 21-61136116 Fax: 021-61189921
Website: www.intertek.com

Test Report

Original Issue Date: 2025-09-15 Intertek Report No. 250901008SHF-001

Applicant: Prime Vita Limited

Address: 89 Fairfax Street, Murchison 7007, New Zealand

Attn: Mark Carter

Manufacturer: LINYI ZHENGHE MACHINERY TECHNOLOGY CO., LTD

Address: Beiguan Industrial Park, Jiaobei Office, Jiaozhou City, Qingdao City, Shandong Province

Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Model	Specification
Magnesium oxide board	Pure sulfate standard mgo board	10mm
Sample ID	**Sample Amount**	**Sample Received Date**
S250901008SHF.001~003	1 package	2025-08-28
Sample Description		
10mm thickness		

Test Methods And Standards

Test Standard	ASTM C1185-23 Section 5, ASTM D1037-12(2020) Section 10
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

Report Authorized

Name: Daniel Zhang Name: Erin Huang

Title: Reviewer Title: Project Engineer

Test Report

Original Issue Date: 2025-09-15 Intertek Report No. 250901008SHF-001

Test Items, Method and Results:

Test Item: Flexural Strength (Modulus of Rupture)

Test Method: ASTM C1185-23 Section 5 (Equilibrium Conditioning)

Test Span: 254 mm

Load Rate: 5 mm/min

Conditioning: Place the test specimens for at least 7 days in a controlled atmosphere of (73 ± 4)°F and (50 ± 5)% relative humidity

Test Result:

	Flexural Strength (MPa)	Modulus of Elasticity (MPa)
Machine Direction	20.8	4811
Cross-machine Direction	24.7	7478
Average value	22.8	6144

Note:

1. The average value of the specimen pair was the arithmetic mean value obtained from the two directions.

Test Report

Original Issue Date: 2025-09-15 Intertek Report No. 250901008SHF-001

Test Items, Method and Results:

Test Item: Flexural Strength (Modulus of Rupture)

Test Method: ASTM C1185-23 section 5 (Wet Conditioning)

Test Span: 254 mm

Load Rate: 5 mm/min

Conditioning: Immerse specimens to be tested in wet condition in water at a temperature of (73 ± 7)°F for a period of 48 h minimum

Test Result:

	Flexural Strength (MPa)	Modulus of Elasticity (MPa)
Machine Direction	14.5	4331
Cross-machine Direction	19.7	5632
Average value	17.1	4982

Note:

1. The average value of the specimen pair was the arithmetic mean value obtained from the two directions.

Test Report

Original Issue Date: 2025-09-15 Intertek Report No. 250901008SHF-001

Test Items, Method and Results:

Test Item: Tension Parallel to Surface
Test Method: ASTM D1037-12(2020) Section 10
Conditioning: Dry “As Received”
Test Condition:
Speed: 4 mm/min

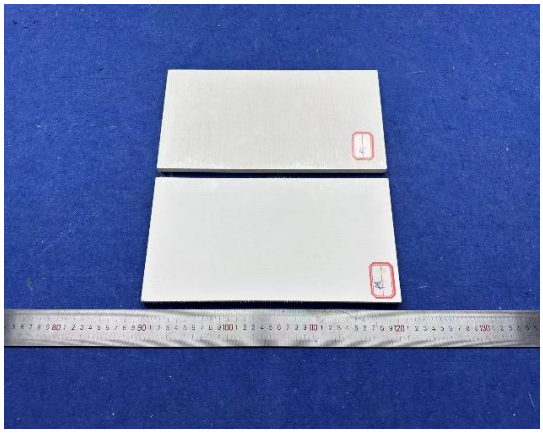
Results:

Direction	Maximum tensile stress, MPa
Long-axis parallel to the long-axis of the panel	5.72
Long-axis perpendicular to the long-axis of the panel	4.68

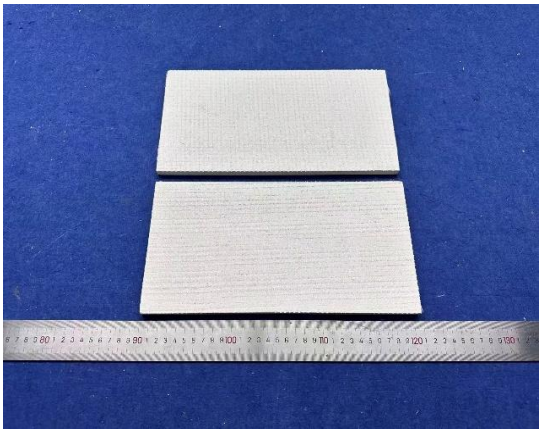
Test Report

Original Issue Date: 2025-09-15 Intertek Report No. 250901008SHF-001

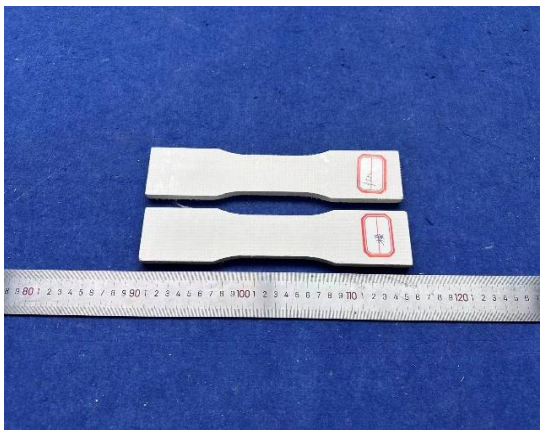
Appendix A: Sample Received Photo



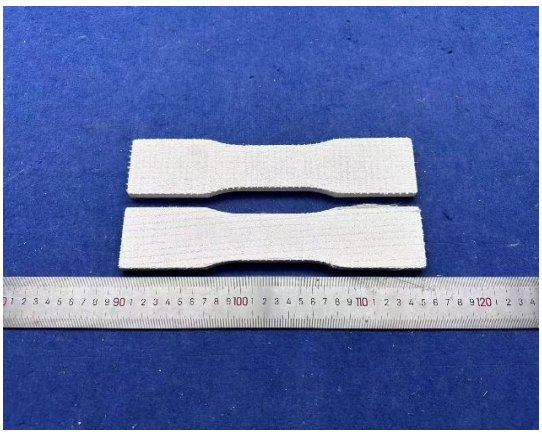
Flexural Strength - Front view



Flexural Strength - Back view



Tension Parallel to Surface - Front view



Tension Parallel to Surface - Back view

Revision:

NO.	Date	Changes
250901008SHF-001	2025-09-15	First issue