

TEST REPORT

No. : SHIN2511003160CM01_EN

Date : 2025-12-03

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CUSTOMER NAME: BECINDUSTRIAL (SHANGHAI) .CO.,LTD
ADDRESS: NO.2CHUANGYE ROAD,INDUSTRIALPARK,XINGDUO
TOWN,XINGHUA CITY,JIANGGSU PROVINCE

Sample Name : CALCIUM SILICATE

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. : SHIN2511011034PL01
Date of Receipt : 2025-11-25
Testing Period : 2025-11-25 ~ 2025-12-03
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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SHCCM 027801

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Apparent Thermal Conductivity	ASTM C533-17(2013) Section 12.1.2 & ASTM C177-19e ¹	See Result	Pass

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

Original Sample Photo:



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SHCCM 027802

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Test Item: Apparent Thermal Conductivity

Test Method: ASTM C533-17(2013) Section 12.1.2 & ASTM C177-19e1

Test Condition:

Specimen: $\Phi 200\text{mm} \times 39.0\text{mm}$, 2pcs

Mean temperature: 93°C, 316°C

Temperature difference: 20°C

Type: Type I (offered by client)

Test Result:

Test Item		Test Result	Client's Requirement	Conclusion
Apparent Thermal Conductivity	93°C	0.056 W/(m·K)	≤ 0.065 W/(m·K)	Pass
	316°C	0.093 W/(m·K)	≤ 0.095 W/(m·K)	Pass

Note: The test result can not be compared with other results obtained from different test conditions, and should not be cited to the use condition directly.

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Commercial Division (Technical Services)

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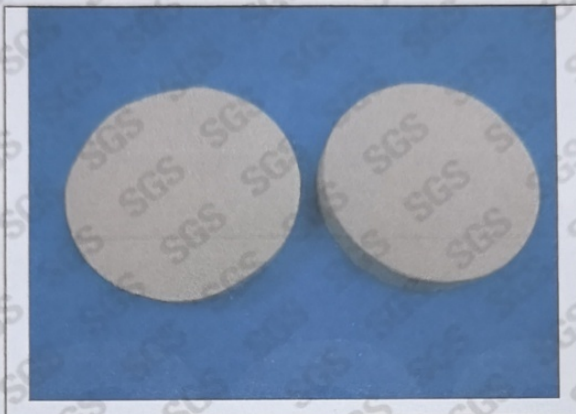
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Specimen Photo(s):



The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

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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