

TEST REPORT

No. : GZIN2101002324CM

Date : Mar 25, 2021

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scan to see the report



GZIN2101002324CM

CUSTOMER NAME: HUIZHOU OAKIO PLASTIC WOOD BUILDING MATERIALS CO., LTD.
ADDRESS: 36TH FLOOR, BUILDING 3, HUAMAO BUILDING, WENCHANG ROAD
1, HUIZHOU, GUANGDONG CHINA

Sample Name : Co extrusion WPC Decking - Elashield

Material and Mark : WPC

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.

Date of Receipt : Jan 13, 2021

Testing Start Date : Jan 13, 2021

Testing End Date : Jan 21, 2021

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. GZ Branch Testing
Center

Tobby Yang
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center (Plastic Wood Building Material Laboratory)

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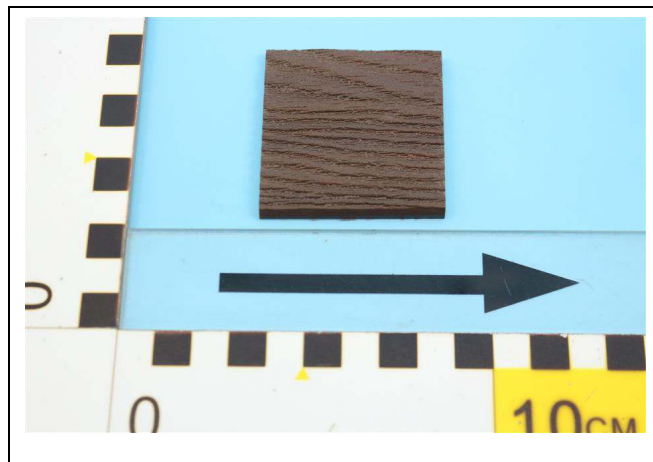
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Coefficient of Linear Thermal Expansion	With reference to EN 15534-1:2014+A1:2017 Section 9.2 & ISO 11359-1:2014 & ISO 11359-2:1999 Method A and client's requirement	$48 \times 10^{-6} \text{ K}^{-1}$	Pass

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

Original Sample Photo:



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Test Item: Coefficient of Linear Thermal Expansion

Sample Description: Panel

Test Method: With reference to EN 15534-1:2014+A1:2017 Section 9.2 & ISO 11359-1:2014 & ISO 11359-2:1999 Method A and client's requirement

Test Condition:

Specimen: 8.97 mm x5.19 mm x4.39 mm

Rate of temperature: 5 °C/min

Load: 4 kPa

Flow rate(He): 50 ml/min

Test temperature: -20 °C~80 °C

Test mode: Compression

Test direction: Arrows

Number of specimens tested: 3

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

Test Result:

Test Item	Test Result
Coefficient of Linear Thermal Expansion	48×10 ⁻⁶ K ⁻¹

Note: Test specimens were cut from the sample.



SGS-CSTC Guangzhou Branch Testing Laboratory
Guangzhou Branch Testing Laboratory

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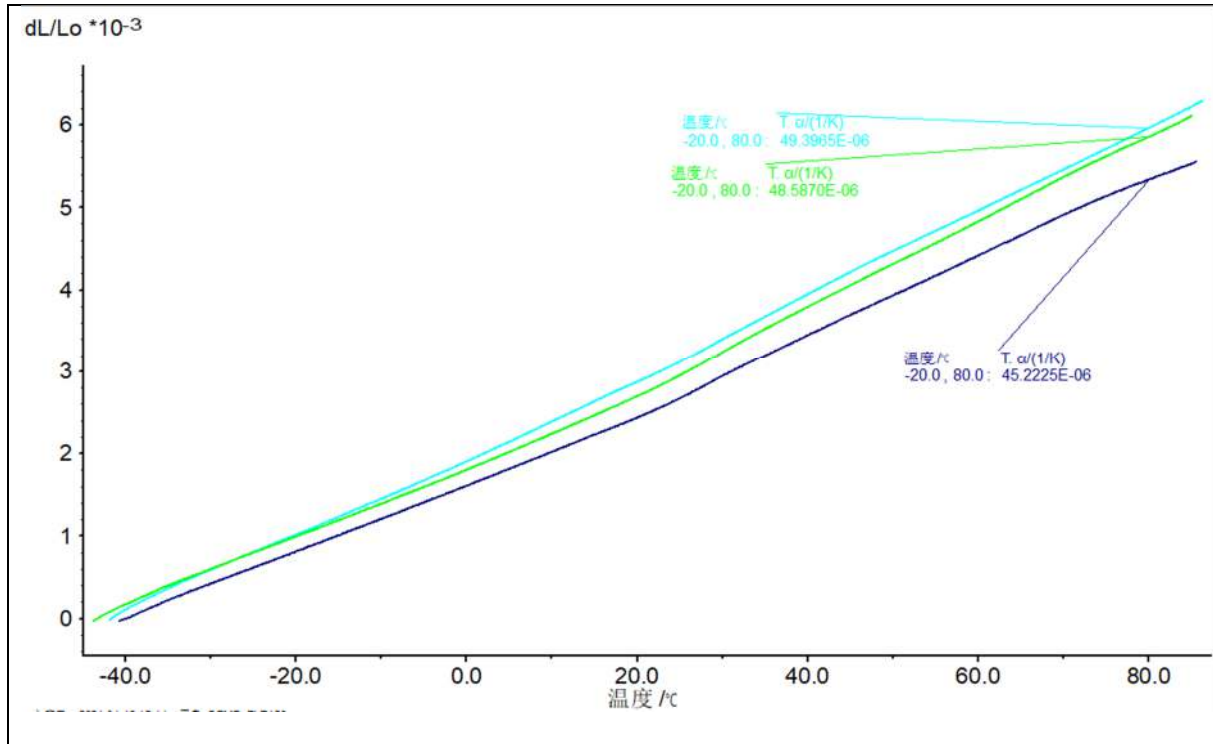
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Curve:



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Guangzhou Branch Testing Center Technical Calibration Material Laboratory

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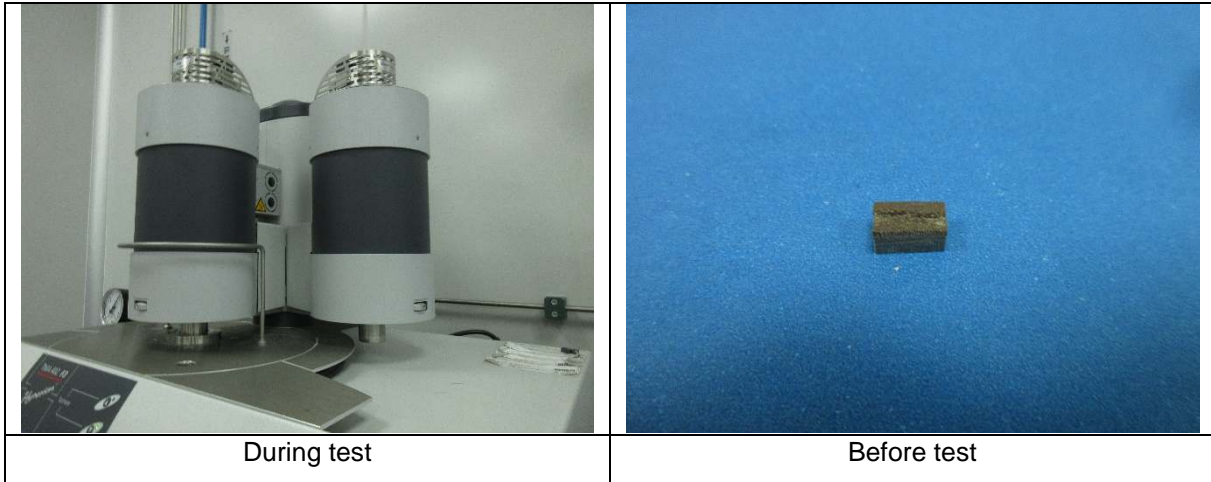
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Test Photo:



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



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