

TEST REPORT

No. : GZIN2101003777CM

Date : Mar 25, 2021

Page: 1 of 5

scan to see the report



GZIN2101003777CM

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 - Proshield

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 19, 2021

Testing Start Date : Jan 19, 2021

Testing End Date : Feb 03, 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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TEST REPORT

No. : GZIN2101003777CM

Date : Mar 25, 2021

Page: 2 of 5

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Coefficient of Linear Thermal Expansion	EN 15534-1:2014+A1:2017 Section 9.2 & ISO 11359-1-2014 & ISO 11359-2-1999 Method A	43×10 ⁻⁶ 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 REPORT

No. : GZIN2101003777CM

Date : Mar 25, 2021

Page: 3 of 5

Test Item: Coefficient of Linear Thermal Expansion

Sample Description: Panel

Test Method: EN 15534-1:2014+A1:2017 Section 9.2 & ISO 11359-1-2014 & ISO 11359-2-1999

Method A

Test Condition:

Specimen: 8.98mm x5.82mm x5.83mm

Rate of temperature: 5 °C/min

Load: 4 kPa

Flow rate(N₂): 50 ml/min

Test temperature: -20 °C~80 °C

Test mode: Compression

Test direction: Length

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	43×10 ⁻⁶ K ⁻¹

Note: Test specimens were cut from the sample.



SGS-CSTC Guangzhou Branch Testing Center
Guangzhou Branch Testing Center (Civil Construction Material Laboratory)

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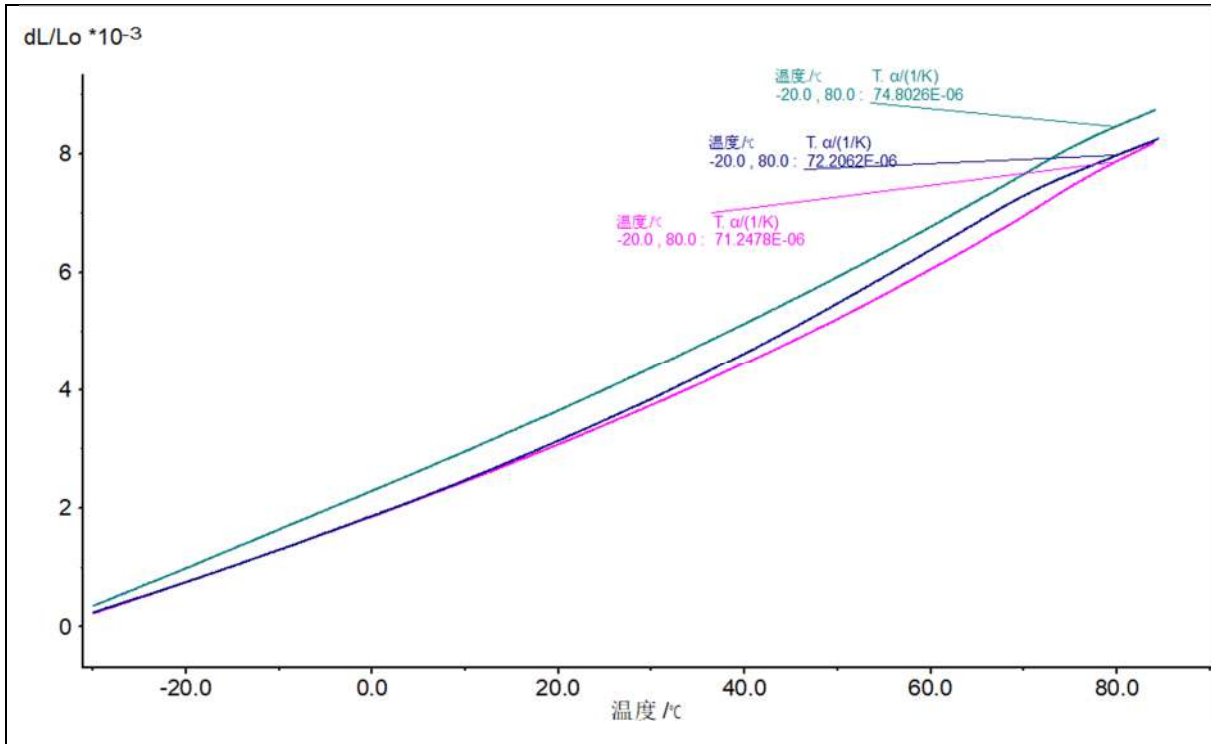
TEST REPORT

No. : GZIN2101003777CM

Date : Mar 25, 2021

Page: 4 of 5

Curve:



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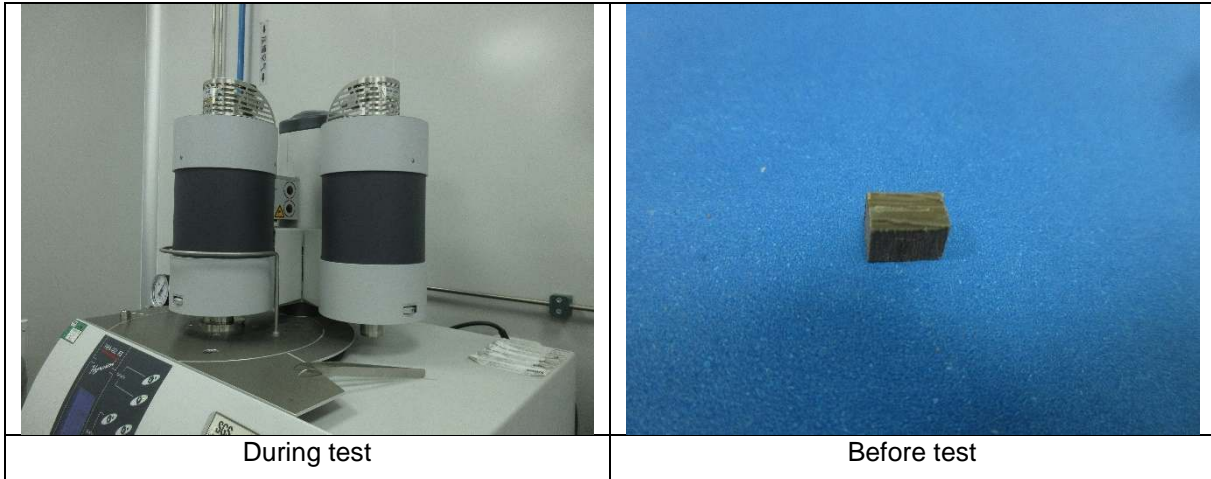
TEST REPORT

No. : GZIN2101003777CM

Date : Mar 25, 2021

Page: 5 of 5

Test Photo:



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



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