

TEST REPORT

No. : XMIN2404000727CM03_EN

Date : 2024-05-07

Page: 1 of 6



CUSTOMER NAME: XIAMEN YINXIANG ARTIFICIAL MARBLE CO., LTD.
ADDRESS: ROOM 307-2, NO. 10, DUIYING ROAD, JIMEI DISTRICT, XIAMEN CITY, FUJIAN PROVINCE, CHINA

Sample Name : JIANGXI BLACK 654
Material : GRANITE

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 : 2024-04-24
Testing Period : 2024-04-24 ~ 2024-05-07
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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

TEST REPORT

No. : XMIN2404000727CM03_EN

Date : 2024-05-07

Page: 2 of 6

Summary of Results:

No.	Test Item	Test Method	Result
1	Apparent density and open porosity	EN 1936:2006	Apparent density:2720 kg/m ³ Open porosity:0.45%
2	Water absorption	EN 13755:2008	0.14%
3	Flexural strength	EN 12372:2022	19.0 MPa
4	Compressive strength	EN 1926:2006	150 MPa
5	Chemical composition analysis*	BS EN ISO 12677:2011	See result

Note: * test project/method was carried out by subcontractors.

Original Sample Photo:



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Laboratory

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编:361101

t (86-592) 5765857 www.sgsgroup.com.cn
t (86-592) 5765857 sgs.china@sgs.com

TEST REPORT

No. : XMIN2404000727CM03_EN

Date : 2024-05-07

Page: 3 of 6

1. Test Item: Apparent density and open porosity

Sample Description: See photo

Test Method: EN 1936:2006

Test Condition:

Specimen: 50mm×50mm×50mm, 6pcs

Condition: Dry in an oven at 70±5°C to a constant mass → Cool them to room temperature in a desiccator → Put into an evacuation vessel at 2.0±0.7 kPa for 2h → Introduce distilled water at 20±5°C into the vessel → return to atmospheric pressure and immersed 24h

Test Result:

Specimen No.	1	2	3	4	5	6
Apparent density (kg/m ³)	2720	2720	2720	2720	2720	2740
Arithmetic mean of the apparent density (kg/m ³)	2720					
Open porosity (%)	0.45	0.46	0.44	0.44	0.44	0.47
Arithmetic mean of the open porosity (%)	0.45					

2. Test Item: Water absorption

Sample Description: See photo

Test Method: EN 13755:2008

Test Condition:

Specimen: 50mm×50mm×50mm, 6pcs

Condition: Dry in an oven at 70±5°C to a constant mass → Cool them to room temperature in a desiccator → Immerse in distilled water at 20±5°C for 72h

Test Result:

Specimen No.	1	2	3	4	5	6
Water absorption (%)	0.13	0.14	0.15	0.14	0.14	0.15
Arithmetic mean of the water absorption (%)	0.14					



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编:361101

t (86-592) 5765857 www.sgs.com.cn
t (86-592) 5765857 sgs.china@sgs.com

TEST REPORT

No. : XMIN2404000727CM03_EN

Date : 2024-05-07

Page: 4 of 6

3. Test Item: Flexural strength

Sample Description: See photo

Test Method: EN 12372:2022

Test Condition:

Specimen: 300mm×50mm×48mm, 10pcs

Condition: Dry in an oven at 70±5°C to a constant mass → Store at 20±5°C to room temperature

Support Span: 240mm

Testing Speed: 0.25MPa/s

Test Result:

Specimen No.	1	2	3	4	5	6	7	8	9	10
Flexural strength (MPa)	19.7	18.2	13.1	19.4	19.7	20.4	21.4	19.3	20.2	19.0
Mean value (MPa)	19.0									
Standard deviation (MPa)	2.3									
Lower expected value (MPa)	14.2									



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSI Standards Technical Services Co., Ltd.
Xiamen Branch Testing Laboratory

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101

t (86-592) 5765857 www.sgsgroup.com.cn
t (86-592) 5765857 sgs.china@sgs.com

TEST REPORT

No. : XMIN2404000727CM03_EN

Date : 2024-05-07

Page: 5 of 6

4. Test Item: Compressive strength

Sample Description: See photo

Test Method: EN 1926:2006

Test Condition:

Specimen: 50mm×50mm×50mm, 10pcs

Condition: Dry in an oven at 70±5°C to a constant mass → Store at 20±5°C to room temperature

Testing Speed: 1MPa/s

Test Result:

Specimen No.	1	2	3	4	5	6	7	8	9	10
Compressive strength (MPa)	151	158	149	151	152	160	146	134	151	151
Mean value (MPa)	150									
Standard deviation (MPa)	8									
Lower expected value (MPa)	136									



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

TEST REPORT

No. : XMIN2404000727CM03_EN

Date : 2024-05-07

Page: 6 of 6

5. Test Item: Chemical composition analysis

Sample Description: See photo

Test Method: BS EN ISO 12677:2011

Test Result:

Test item	Test results, %
SiO ₂	67.66
Al ₂ O ₃	15.31
Fe ₂ O ₃	5.18
CaO	2.10
MgO	1.51
K ₂ O	3.74
Na ₂ O	2.63
TiO ₂	0.73
MnO	0.10
P ₂ O ₅	0.11
SO ₃	<0.01
BaO	0.07
ZnO	0.01
ZrO ₂	0.03
Loss on ignition	0.81

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSI Standards Technical Services Co., Ltd.
Xiamen Branch Testing Laboratory

No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编:361101

t (86-592) 5765857 www.sgsgroup.com.cn
t (86-592) 5765857 sgs.china@sgs.com