

GUANGZHOU HANDE NEW MATERIALS CO.,LTD.
 NO. 161, YAOTIANHE STREET, YONGHE ZONE, GUANGZHOU ECONOMIC & TECHNOLOGICAL
 DEVELOPMENT DISTRICT, GUANGZHOU,511356,CHINA

Sample Description : SUNESSE SILVERSCREEN FABRIC

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : GZF21-033769-01
 Sample Receiving Date : Nov 25, 2021
 Test Performing Date : Nov 25, 2021 to Jan 05, 2022
 Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Antimicrobial activity test	please refer to the following page(s)	/
For further details, please refer to the following page(s)			

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch



Peter Zhao
 Authorized Signatory

scan to see the report



SDHL2111021849HI



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.
 Shunde Branch Harbin

1/F, 1st Building, European Industrial Park, No.1 Shunde South Road, Wusha Section, Daliang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
 中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

Sample Description :

Specimen No.₂	SGS Sample ID₂	Description₂
1₂	GZF21-033769.001	Sheet sample₂

Test Result(s) :

Test Requested : Antimicrobial activity test

Test Method : ASTM G 21-15 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

GZF21-033769.001

Test organism(s)	Concentration of spores (spores /mL)	Rating observed growth on specimens (after 28 days)
*Test organism	1.0x10 ⁶	0 Grade

Notes :

*Test organism

Aspergillus brasiliensis ATCC 9642, Penicillium funiculosum ATCC 11797, Chaetomium globosum ATCC 6205, Trichoderma virens CICC 2535 (equate to ATCC 9645), Aureobasidium pullulans ATCC 15233 History name of test organism

Aspergillus brasiliensis Historically known as A.niger.

Penicillium funiculosum Historically known as P.pinophilum.

Trichoderma virens Historically known as Gliocladium virens.

According to ASTM G 21-15 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi, observed fungi growth rating on the specimens include:

0-None

1-Traces of growth (less than 10%)

2-Light growth (10 to 30%)

3-Medium growth (30 to 60%)

4-Heavy growth (60% to complete coverage)

The microscope(50 X) was used to confirm the observation.



Photo Appendix:



GZF21-033769.001

Remark: This test was subcontracted to SGS CSTC Standards Technical Services Co.,Ltd Guangzhou Branch.

End of Report

