



Giant Power

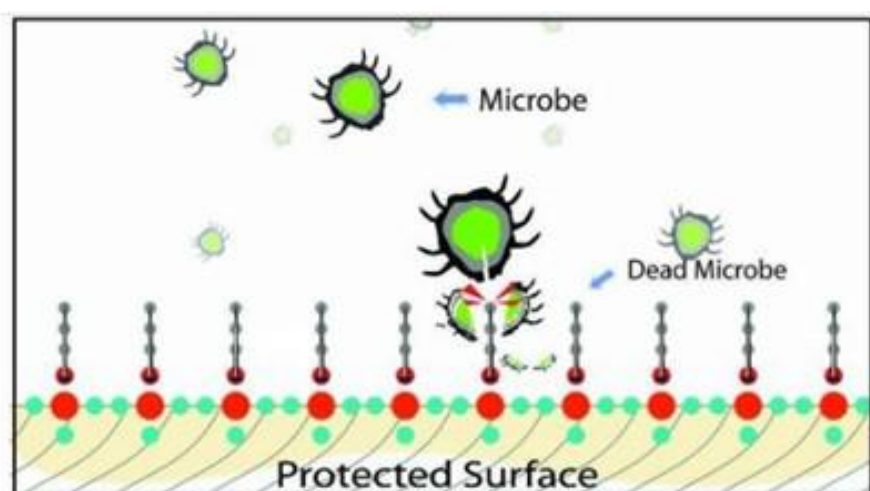
Bring everything to reality

抗菌ガラス

紹介

新型コロナウイルスの影響で、健康への危機意識が向上している中、当社は予防策としてタッチパネルの抗菌対策を提出いたします。以下は当社の抗菌ガラスを紹介させていただきます。

※抗菌ニスには抗菌処理力がございますが、新型コロナウイルスを排除するためのものではありません。



抗菌テスト

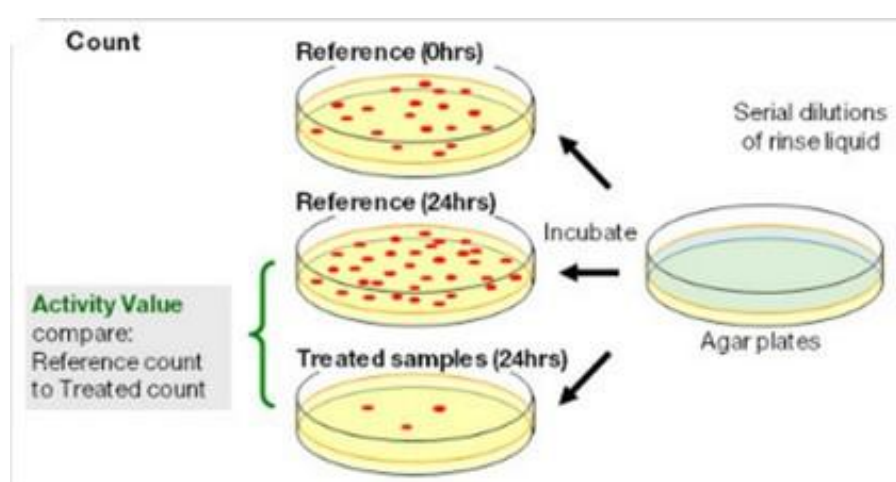
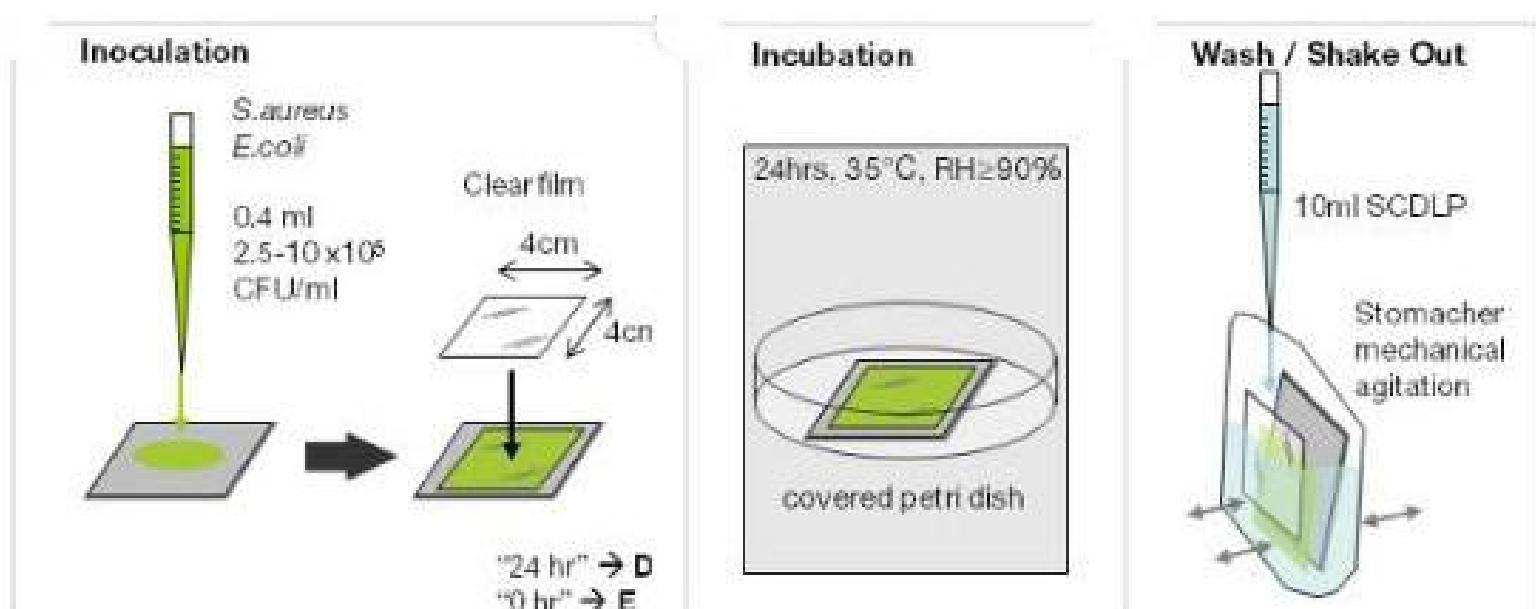
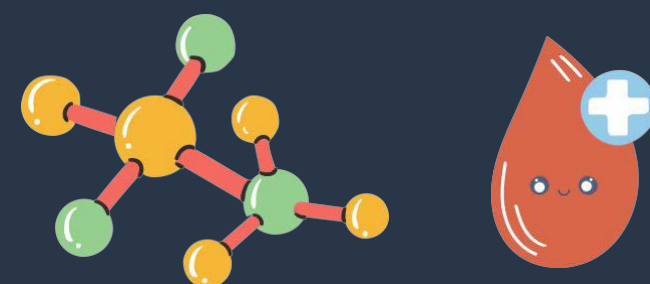
大腸菌
抗菌活性値：5.33
抗菌率：>99.999%

MRSA :メチシリン耐性黄色ブドウ球菌
AR+AB : 5.87
抗菌率：>99.999%

緑膿菌
抗菌活性値：5.6
抗菌率：>99.999%

ASTMG21 真菌テスト0級

ATCC 抗ウイルス性能評価試験:ネコカシウイルス ATCCVR-782 抗菌活性値：2.6
抗菌率>99% anti- virus.





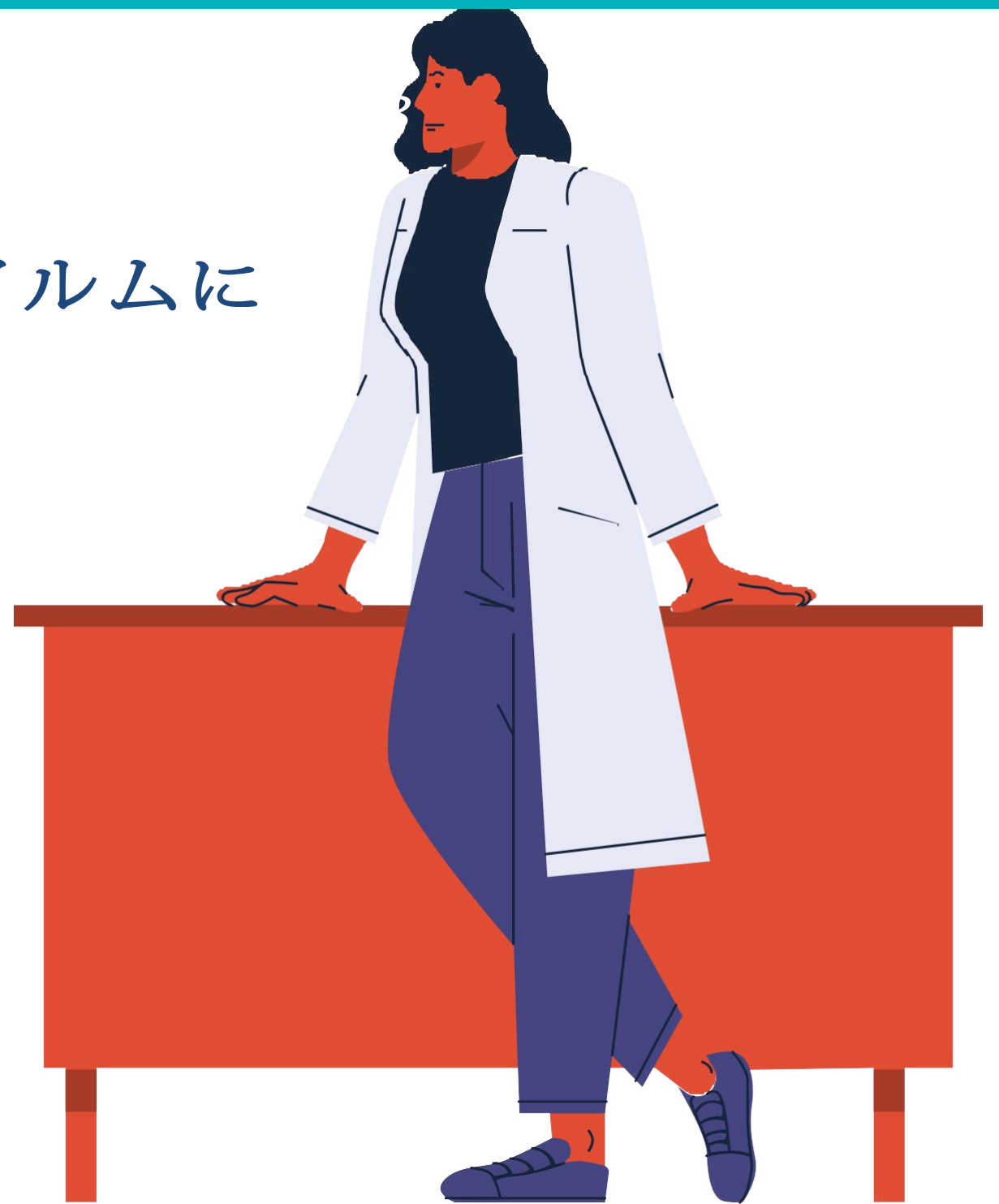
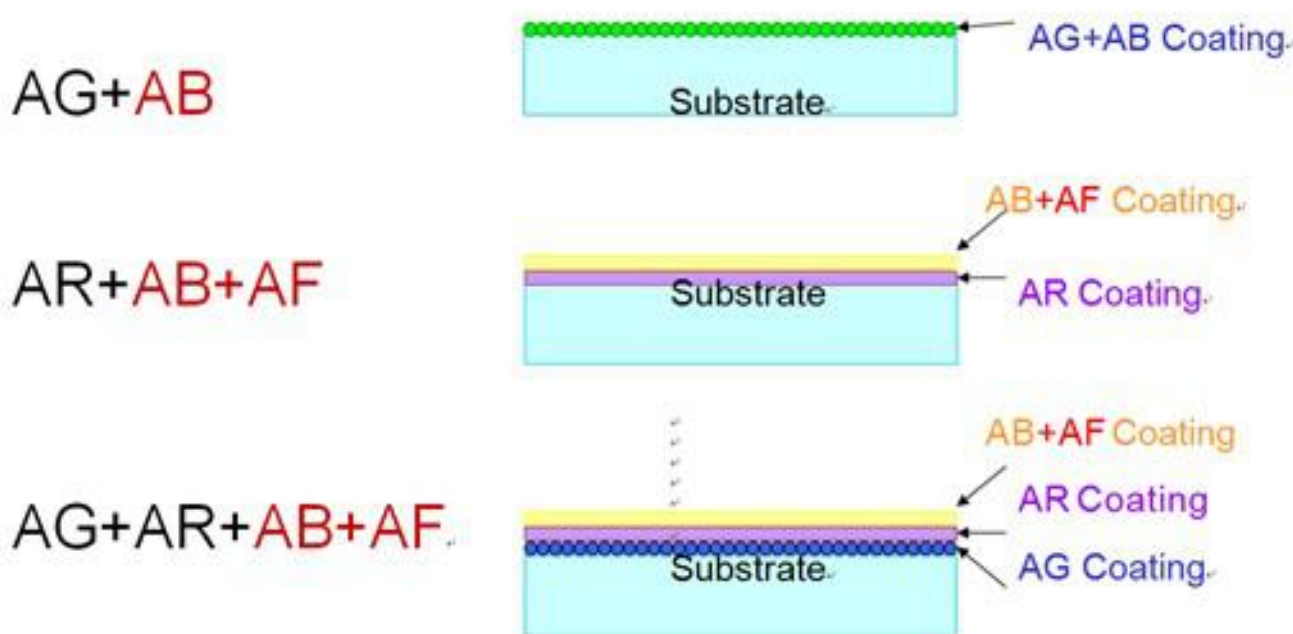
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抗菌ガラス

マッチパネルのカバーレンズ/フィルムに抗菌層をコーティングします。

抗菌ガラス製品の構成



検証レポートと証明

The Director of the United States Patent and Trademark Office

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Joseph Matal

Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office

SGS

Textile Laboratory
Test Report No: T341688-0218-770 Date: May 22, 2018 Page 1 of 2

Leader Optonics Technology Co., Ltd.
No. 798, Zhongshan N. Rd., Yongkang Dist.,
Tainan City 71041, Taiwan (R.O.C.)

The following sample was submitted and identified by applicant as:

Sample Description	One sample of antibacterial non-woven fabric/cloth
Color	White
Fiber Content	50% PP 50% PE
Fabric Weight	20gsm
End Use	Mask
Country of Origin	Taiwan
Applicant	Leader Optonics Technology Co., Ltd
Sample Receiving Date	Apr. 25, 2018
Test Performance Period	Apr. 25, 2018 to May 22, 2018
Test Performed	Selected test(s) as requested by applicant.
Test Results	For further details, please refer to the following page(s).

Signed for and on behalf of
SGS Taiwan Ltd.
Cherry Kuo
Kuo Ling, Cherry
Supervisor

SGS

Textile Laboratory
Test Report No: T341688-0218-770 Date: May 22, 2018 Page 2 of 2

Test Results:

Determination of Antiviral Activity of Textile Products (ISO 18184: 2014)

Virus: Polio (calculus); ATCC VR-762

Sample	Common Logarithm Infectivity Titre Value	Antiviral Activity Value Mv = (lg(Vb/Vc) - lg(Va)) - lg(Vc)
Cotton reference specimen - immediately after inoculation	6.85	-
Cotton reference specimen - after 2 hours contacting time	6.83	-
Test fabric specimen - after 2 hours contacting time	3.45	2.6

Note: Mv: The antiviral activity value
lg(Va): The common logarithm of infectivity titre value after 2 h contacting with the reference specimen
lg(Vb): The common logarithm of infectivity titre value after 2 h contacting with the antiviral fabric specimen.
Overall effect standard: 3.0+ Antiviral activity value(Mv) ≥ 2.0
Full effect standard: Antiviral activity value(Mv) ≥ 3.0

Tested by other laboratory.

*** End of Report ***



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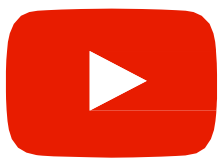
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抗菌ガラスの応用



WELCOME TO
CONTACT US!



*Let us
help you*



#StopTheSpread

Email:
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