SGS

Test Report **No. SDHL1709020429HI** **Date: Nov.20, 2017** **Page 1 of 3**

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description	:	KLEENSCREEN BLACKOUT
SGS Ref. No.	:	GZAFN1709016921P001
Sample Receiving Date	:	Sep.28, 2017
Test Performing Date	:	Sep.28, 2017 to Nov.17, 2017

Test Result Summary

Test(s) Requested	Result(s)	Comments
Antimicrobial activity test With reference to ASTM G 21-15	Please refer to the following page(s)	/
For further details, please refer to the following page(s)		

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

Peter Zhao
Approved signatory

SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch Hardlines

1/F,1st Building,European Industrial Park,No.1 Shunhe South Road,Wusha Section,Daliang Town,Shunde,Foshan,Guangdong,China 528333 t (86-757)22805888 f (86-757)22805858 www.sgsgroup.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号歌洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

SGS

Test Report **No. SDHL1709020429HI** **Date: Nov.20, 2017** **Page 2 of 3**

TEST RESULT(S):
Antimicrobial activity test
Test method: With reference to ASTM G 21-15
Test organisms: *Aspergillus brasiliensis*[A] ATCC 9642, *Penicillium funiculosum*[B] ATCC 11797, *Aureobasidium pullulans* ATCC 15233,*Chaetomium globosum* ATCC 6205, *Trichoderma virens*[C] ATCC 9645

Test Fungi	Concentration of spores (spores /mL)	Rating observed growth on specimens (after 28 days)
Aspergillus brasiliensis[A] ATCC 9642	$1.0X10^6$	0 Grade*
Penicillium funiculosum[B] ATCC 11797		
Aureobasidium pullulans ATCC 15233		
Chaetomium globosum ATCC 6205		
Trichoderma virens[C] ATCC 9645		

Notes:
1.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)

Remark: History name of test organism
[A]Historically known as *A.niger*.
[B]Historically known as *P.pinophilum*.
[C]Historically known as *Gliocladium virens*.

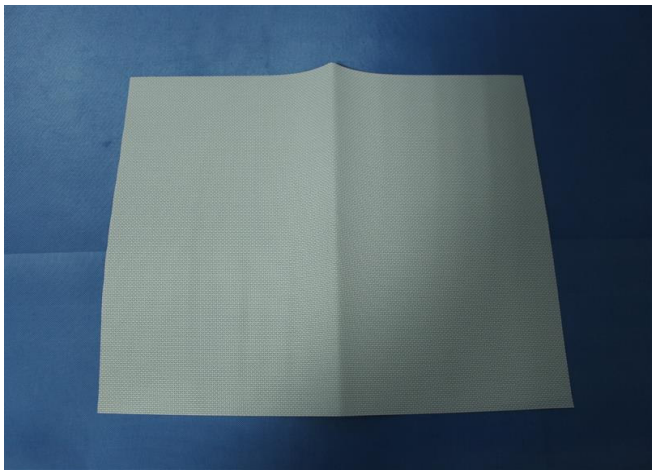
2.* The microscope(50 X) was used to confirm the observation.

SGS

Test Report **No. SDHL1709020429HI** **Date: Nov.20, 2017** **Page 3 of 3**

SAMPLE DESCRIPTION: Fabric

Photo Appendix:



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

End of Report