

**Test Report**

**No. SDHL1709020429HI**

**Date: Nov.20, 2017**

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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



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### TEST RESULT(S):

Antimicrobial activity test

Test method: With reference to ASTM G 21-15

Test organisms: *Aspergillus brasiliensis*<sup>A</sup> ATCC 9642, *Penicillium funiculosum*<sup>B</sup> ATCC 11797, *Aureobasidium pullulans* ATCC 15233, *Chaetomium globosum* ATCC 6205, *Trichoderma virens*<sup>C</sup> ATCC 9645

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

<sup>A</sup>Historically known as *A.niger*.

<sup>B</sup>Historically known as *P.pinophilum*.

<sup>C</sup>Historically known as *Gliocladium virens*.

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



SGS CSTC (Shunde) Technical Services Co., Ltd.  
Shunde Branch Headlines

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### Test Report

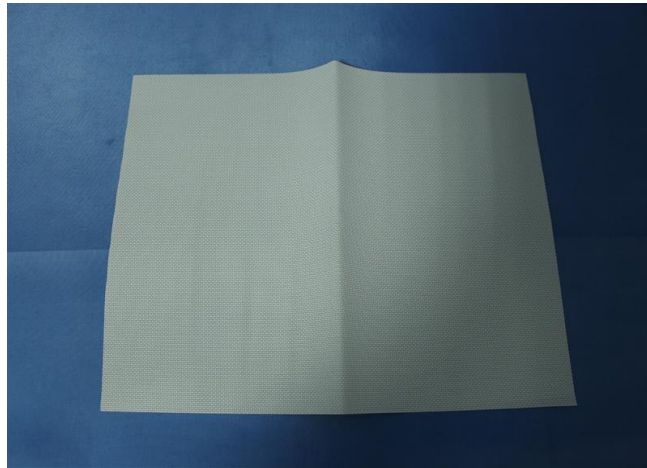
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SAMPLE DESCRIPTION: Fabric

Photo Appendix:



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

\*\*\*End of Report\*\*\*



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