

**Test Report****No: SHCPCH190301752S1.2****Date: May 15 2019**

Client name: The Cheeky Panda Limited
Client address: 85 Great Portland Street, First Floor, Fitzrovia, London, W1W 7LT

Sample name: 100% Bamboo Spunlace Non-woven
Batch No./Date: /
Manufacturer: The Cheeky Panda Limited

The above sample information was submitted and identified by the clients.

SGS job No.: SHCPCH190301752
SGS reference No.: /
Date of receipt: Mar 18 2019
Testing period: Mar 18 2019 ~ May 10 2019

TEST(S) REQUESTED:

Test for resistance to fungi

TEST METHOD(S):

ISO 846-1997 Plastics-Evaluation of the action of microorganisms
Method A: Fungal-growth test

TEST ORGANISMS:

Aspergillus niger ATCC 6275, Penicillium funiculosum ATCC11797, Paecilomyces variotii AS 3.4253, Gliocladium deligescens AS 3.3987, Chaetomium globosum AS 3.3601

TEST RESULT(S):

Please refer to next page

This Report cancels and supersedes the Report No. SHCPCH190301752.2 dated May 10 2019 issued by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. Testing Center.

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Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd

检验检测专用章
Inspection & Testing Services
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd

Authorized Signature Angela Yu



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TEST CONDITION:

The dimensions of the specimens: 50×50mm

Incubation temperature: 29±1℃

Microbicidal solution: Dip specimens into an ethanol-water mixture for 1 min and dry at 45 °C for 4 h.

Pipette ethanol-water mixture on the surface of each specimen in batch S.

TEST RESULT(S):

1)Assessment of fungal growth

Test organism	Concentration of spores (Spores/mL)	Level of growth on the specimens (after 28 days)	
		Inoculated specimens for incubation (Batch I)	Sterile controls (Batch S)
<i>Aspergillus niger</i> ATCC 6275	1.0X10 ⁶	4	0
<i>Penicillium funiculosum</i> ATCC11797			
<i>Paecilomyces variotii</i> AS 3.4253			
<i>Glocladium deliquescens</i> AS 3.3987			
<i>Chaetomium globosum</i> AS 3.3601			

Assessment of fungal growth:

0: No growth apparent under the microscope.

1: No growth visible to the naked eye, but clearly visible under the microscope.

2: Growth visible to the naked eye, covering up to 25% of the test surface.

3: Growth visible to the naked eye, covering up to 50% of the test surface.

4: Considerable growth, covering more than 50% of the test surface.

5: Heavy growth, covering the entire test surface.

Interpretation of results

Method	Intensity of growth	Assessment of test material
A	0	The material is not a nutritive medium for microorganisms (it is inert or fungistatic)
	1	The material contains nutritive substances or is contaminated to such a small degree that it permits only slight growth
	2 to 5	The material is not resistant to fungal attack and contains nutritive substances suitable for the development of microorganisms

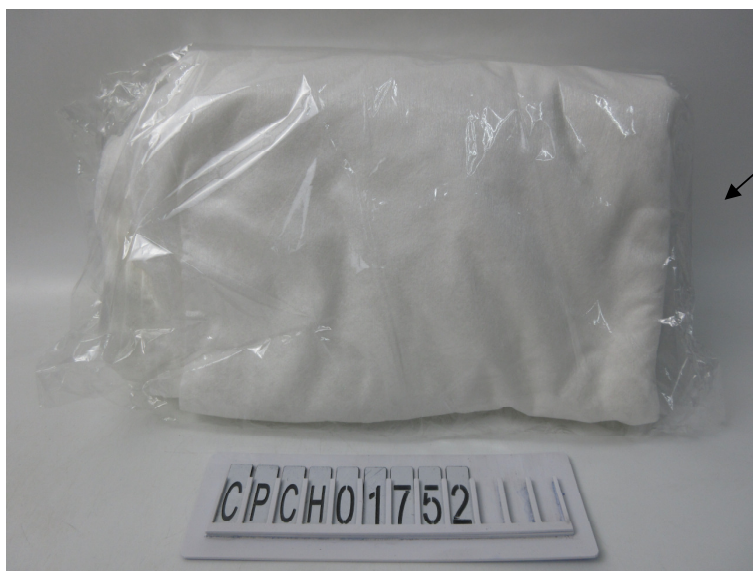


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SAMPLE DESCRIPTION: Sample in bag



test sample



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*** End of Report***

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RAND: 4930616



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Testing Center Cosmetics, Personal Care & Household

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