

Test Report

ASH21-040248-01

Date: 29 Jun 2021

Client Name: GUANGDONG BOSHUN BELTING CO.,LTD.

Client Address: TWELVE RIDGE, YANGQIAO VILLAGE, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG, CHINA

Sample Name: ANTI-MICROBIAL PU CONVEYOR BELT
Manufacturer: GUANGDONG BOSHUN BELTING CO.,LTD.
Sample Batch No.: /
Production Date: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Reference No. : HZAFL202100952146
Date of Sample Received : 21 Jun 2021
Testing Period : 21 Jun 2021 - 29 Jun 2021
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Result(s) : Please refer to next page(s).

Unless otherwise stated the results shown in this test report refer only to the items tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for improper publicity, without prior written approval of the SGS.



scan to see the report



ASH21-040248-01

SGS Authorized Signature

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Test Report

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Date: 29 Jun 2021

Sample Description :

Specimen No.	SGS Sample ID	Description
1	ASH21-040248.001	sample in bag

Test Result(s) :

Test Requested : Test of antimicrobial activity

Test Method : ISO 22196:2011 Measurement of antibacterial activity on plastics and other non-porous surfaces

ASH21-040248.001

Test organism(s)	Escherichia coli ATCC 8739
Concentration of bacteria (cells/mL)	8.0x10 ⁵
Volume of test inoculum (mL)	0.4
U ₀	4.28
U _t	6.50
A _t	-0.20
B (cells/cm ²)	3.1x10 ⁶
C (cells/cm ²)	<0.63
R	6.7
*The antibacterial activity rate (%)	>99.9

Notes :

- 1.The control sample is plastic film without antimicrobial activity, provided by SGS laboratory.
- 2.U₀: the average of the common logarithm of the number of viable bacteria(cells/cm²) recovered from the untreated test specimens immediately after inoculation.
- 3.U_t: the average of the common logarithm of the number of viable bacteria(cells/cm²) recovered from the untreated test specimens after 24 h.
- 4.A_t: the average of the common logarithm of the number of viable bacteria(cells/cm²) recovered from the treated test specimens after 24 h.
- 5.R: the value of antimicrobial activity,R=U_t-A_t.
- 6.* The calculation formula of the antibacterial activity rate is **【(B-C)/B】 *100%**;
B: arithmetic average of the numbers of bacteria obtained from control samples after 24 h incubation(cells/cm²);
C: arithmetic average of the numbers of bacteria obtained from samples after 24 h incubation(cells/cm²).
- 7.Pre-treatment: The surface of test specimen was wiped with 70% ethanol, rinsed with sterile water and let it air-dry.
- 8.Test the front.

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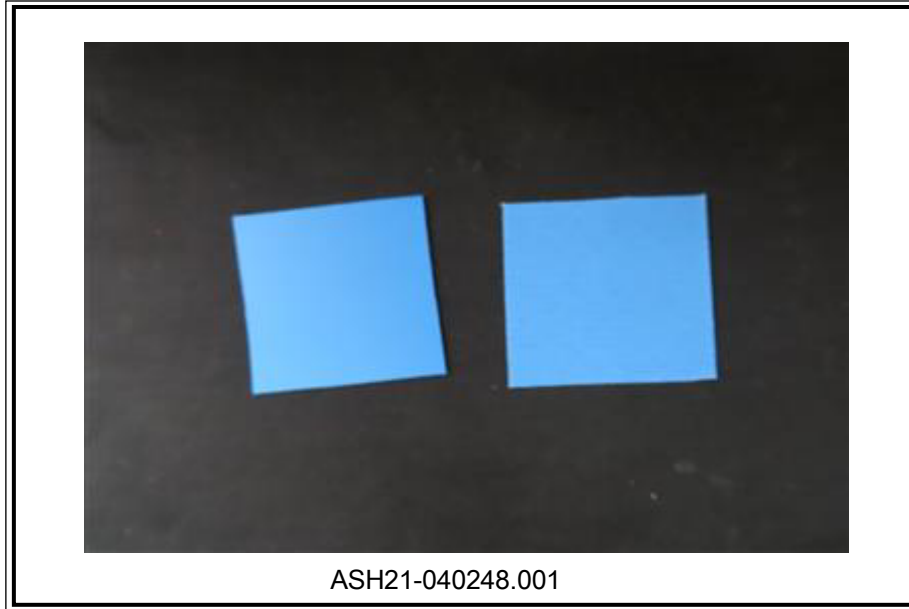


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Sample photo:



SGS authenticate the photo on original report only

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Testing Center Agriculture and Food Laboratory