

Test Report

SL52045301022901TX

Date: November 06, 2020

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SHANDONG SHANXIN NON-WOVENS MATERIAL CO., LTD  
NO.158 CHIZHOU ROAD, DONGYING DISTRICT, DONGYING CITY, SHANDONG PROVINCE

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

Sample Description : (A)40g/m2 Melt-blown Nonwoven

Sample Color : (A)White

Lot No. : Not provided

Manufacturer : SHANDONG SHANXIN NON-WOVENS MATERIAL CO., LTD

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Oct 23, 2020

Testing Period : Oct 28, 2020 - Nov 06, 2020

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

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

*Helen Xuan*

Helen Xuan (Authorized Signatory)



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**Test Result**

**Bacterial Filtration Efficiency (BFE)**  
(EN 14683:2019+AC:2019 Annex B)

Sample: A  
 Test Side : Inside  
 Test Area : Approximately 60 cm<sup>2</sup>  
 Flow Rate : 28.3 L/min  
 Pre-Conditioning : Minimum of 4 hours at 21±5°C and 85±5% R.H.  
 Dimensions of test specimen : ~140mm x 140mm  
 Positive Control Average : 2182.5 CFU  
 Negative Monitor Count : < 1 CFU  
 Mean Particle Size : 3.0 ±0.3µm  
 Test bacteria : Staphylococcus aureus ATCC 6538

| Test Item                             | Specimen No. | Result |
|---------------------------------------|--------------|--------|
| Bacterial Filtration Efficiency (BFE) | 1            | 99.9%  |
|                                       | 2            | 99.9%  |
|                                       | 3            | 99.9%  |
|                                       | 4            | 99.9%  |
|                                       | 5            | 99.9%  |

**Remark:**

The number of specimens that shall be tested is minimum 5, but can be greater and shall be increased if necessary to allow for an AQL(Acceptable Quality Level) of 4%.

**Sample Photo**



The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

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



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