

Test Report

SL52025245988301TX

Date: April 30, 2020

Page 1 of 3

SHANDONG SHENGQUAN NEW MATERIALS CO.,LTD  
DIAOZHEN INDUSTRIAL DEVELOPMENT ZONE,ZHANGQIU,JINAN,CHINA

**THIS REPORT CANCELS AND SUPERSEDES THE TEST REPORT NO. SL52025244194801TX  
DATE: April 22,2020 ISSUED BY SGS (SHANGHAI)**

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

Sample Description : (A) Disposable Medical Face Mask

Style No. : SMDP20605

Sample Color : (A) blue and grey

Proposed Care Instruction : /

Sample Receiving Date : Apr 07,2020  
Testing Period : Apr 07,2020 - Apr 22,2020

Test Result(s) : For further details, please refer to the following page(s).

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

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

Sara Guo (Account Executive)

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Test Result

**Medical Face Masks-Requirements and Test Methods**

(EN 14683:2019)

**Clause 5.2.2 Bacterial filtration efficiency (BFE)\*\***

	1#	2#	3#	4#	5#
(BFE), %	98.6	98.6	98.6	98.7	98.7

Remark: Performance Requirement: Type I>95%, Type II>98%, Type IIR >98%

\*\* : This test standard is not within the accredited scope in SGS Shanghai testing centre, it is carried out by external laboratory accredited by CMA (China Metrology Accreditation)

**Clause 5.2.3 Breathability**

(EN 14683 :2019 Annex C, Flow rate 8 l/min)

	1#	2#	3#	4#	5#
Differential pressure ΔP (Pa/cm <sup>2</sup> )	31.8	31.0	30.0	30.4	30.5

Remark: Performance Requirement: Type I<40 Pa/cm<sup>2</sup>, Type II<40 Pa/cm<sup>2</sup>, Type IIR<60 Pa/cm<sup>2</sup>

**Clause 5.2.4 Splash Resistance**

(ISO 22609 :2004, Pressure 16.0 kPa)

**Penetration on inside surface**

1#	2#	3#	4#	5#	6#	7#	8#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
9#	10#	11#	12#	13#	14#	15#	16#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
17#	18#	19#	20#	21#	22#	23#	24#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
25#	26#	27#	28#	29#	30#	31#	32#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Number of Pass: 32

Overall result: Acceptable

Remark:

- 1) Performance Requirement Type I: N/A, Type II: N/A, Type IIR: ≥16.0kPa
- 2) Distance of the medical face mask target area surface to the tip of cannula is 300±10mm.
- 3) Condition and Test temperature (21±5)°C, relative humidity (85±10)%
- 4) An acceptable quality limit of 4.0% is met for a single sampling plan when 29 or more of the 32 tested specimens show pass results



**Clause 5.2.5 Microbial Cleanliness**

(EN 14683: 2019 Annex D)

	1#	2#	3#	4#	5#
CFU/g	15	18	15	15	18

Remark: Performance Requirement: Type I ≤ 30 CFU/g, Type II ≤ 30 CFU/g, Type IIR ≤ 30 CFU/g

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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