

Test Report **SL52025244048101TX** **Date: April 21, 2020** **Page 1 of 3**
ZHEJIANG THE PURPLE'S PROTECTIVE PRODUCTS CO.,LTD
1/F, NORTH ZONE, BUILDING B, NO.66, QUNYING ROAD, HOZHAI, YIWU, ZHEJIANG PROVINCE

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

Sample Description : (A)Face mask
Style No. : TP-001
Composition : (A)NONWOVEN MELT-BLOWN FABRIC
Sample Color : (A)blue
Manufacturer : ZHEJIANG THE PURPLE'S PROTECTIVE PRODUCTS CO.,LTD
Proposed Care Instruction : -
Test Performed : Selected test(s) as requested by applicant
Sample Receiving Date : Apr 02,2020
Testing Period : Apr 02,2020 - Apr 21,2020
Test Result(s) : 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



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), %	99.9	99.2	99.8	99.6	99.7

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

** : The test was carried out by external laboratory assessed as competent

@ : These test methods are not in CNAS accredited scope

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 ²)	59.9	58.7	58.1	58.6	57.3
Recommended Level:	Type IIR				

Remark: Performance Requirement: Type I<40 Pa/cm², Type II<40 Pa/cm², Type IIR<60 Pa/cm²

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	Fail	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	Fail	Pass	Pass	Pass	Pass	Pass

Number of Pass: 30
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)^o 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	9	8	8	6	6

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

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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