



171021110579



中国认可
国际互认
检测
TESTING
CNAS L7901

检验检测报告

TEST REPORT



STFWT20208283

Product Name

Protective Mask

Test Unit

Jiangsu Everwin Medical Equipment Co., Ltd.

Manufacturer

Jiangsu Everwin Medical Equipment Co., Ltd.

Test Category

Sample Tested

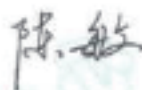
Test Report

STFWT20208283

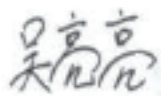
Page 1 of 5

Product Name	Protective Mask	Specification Type	WSX-KN-1
		Trademark	EVERISE
Trust Unit		Tel	18021233758
Manufacturer		Sample Grade	Disposable KN95
Sample Quantity	40pcs	Sample Receiving Date	2020-04-08
Test Category	Sample Tested	Serial Number	20200401
Samples Conditions	Meet the testing requirements		
Document and Decide Accordance	GB 2626-2006 《Respiratory protection-Non-powered air-purifying particle respirator》		
Test Conclusion	Sample were tested, tested parameters fulfill GB 2626-2006 specifications as outlined for KN95 level requirements.		
Remarks	The test items marked with "——" indicate that there is no single evaluation or no single evaluation conditions. The inspection conclusion in this report is only for the inspected items, and does not mean that the items or functions that have not been inspected meet the requirements. This report is only responsible for the samples.		

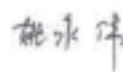
Approved by:



Reviewed By:



Main Inspector:



Testing Results

STFWT20208283

Page 2 of 5

Serial	Test Items	Unit	Requirement	Results	Individual Judgment																												
1	General Requirements	—	Material: a) Materials in direct contact with the face should be harmless; b) Filter material shall be harmless to human body; c) The materials used shall have sufficient strength and shall not be damaged or deformed during useful life of product. Structure: a) It shall not be easy to cause structural damage, and the design, composition and installation of components shall not pose any danger to users; b) The headband shall be adjustable in design, easy to wear and remove, and shall be able to firmly fix the mask on the face without obvious compression or tenderness; c) It should have a minimize dead cavity space and a maximize field of vision; d) The structure of the spoil mask shall be able to ensure the sealing with the face, and shall not deform during its use.	Structure: a) It is not easy to cause structural damage, and the design, composition and installation of components do not pose any danger to users. b)The headband is adjustable in design, easy to wear and remove, and can firmly fix the mask on the face without obvious compression and tenderness. c)It has a smaller dead cavity and a larger field of vision. d)The structure of disposable mask shall be able to ensure the close fit with the face, and shall not deform within the service life.	—																												
2	Outside Appearance Check	—	The sample surface shall not be damaged, deformed or have obvious other defects. The parts and structure shall be able to withstand normal use conditions and possible temperature, humidity and mechanical impact. The headband shall be adjustable.	Meet the requirements	qualified																												
3	Breathing Resistance	Pa	The total inhalation resistance of each sample shall not be greater than 350, and the total exhalation resistance shall not be greater than 250.	<table border="1"> <thead> <tr> <th colspan="2"></th> <th>Sample No</th> <th>Measured value</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Total section resistance</td> <td rowspan="2">Not pretreated</td> <td>16#</td> <td>281.4</td> </tr> <tr> <td>17#</td> <td>276.4</td> </tr> <tr> <td>pretreated</td> <td>20#</td> <td>272.1</td> </tr> <tr> <td rowspan="4">Total expiratory resistance</td> <td rowspan="2">Not pretreated</td> <td>21#</td> <td>269.3</td> </tr> <tr> <td>18#</td> <td>192.4</td> </tr> <tr> <td rowspan="2">pretreated</td> <td>19#</td> <td>179.2</td> </tr> <tr> <td>22#</td> <td>181.2</td> </tr> <tr> <td></td> <td></td> <td>23#</td> <td>176.3</td> </tr> </tbody> </table>			Sample No	Measured value	Total section resistance	Not pretreated	16#	281.4	17#	276.4	pretreated	20#	272.1	Total expiratory resistance	Not pretreated	21#	269.3	18#	192.4	pretreated	19#	179.2	22#	181.2			23#	176.3	qualified
		Sample No	Measured value																														
Total section resistance	Not pretreated	16#	281.4																														
		17#	276.4																														
	pretreated	20#	272.1																														
Total expiratory resistance	Not pretreated	21#	269.3																														
		18#	192.4																														
	pretreated	19#	179.2																														
		22#	181.2																														
		23#	176.3																														
4	Visual Field	—	Downward field of vision $\geq N60^\circ$	62°	qualified																												
5	Dead Space		The carbon dioxide content shall not exceed an average of 1%	The carbon dioxide content is 0.6%	qualified																												

Testing Results

S1FWT20208283

Page 3 of 5

Serial	Test Items	Unit	Requirement	Results	Individual Judgment																																																																															
6	Filtration Efficiency /% (NaCl Particles)	—	KN90: 390.0 KN95: N95.0 KN 100: 399.97	<table border="1"> <thead> <tr> <th>Sample No</th> <th colspan="2">Measured Value</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1#</td> <td>initial</td> <td>99.4</td> </tr> <tr> <td>loaded</td> <td>99.1</td> </tr> <tr> <td rowspan="2">2#</td> <td>initial</td> <td>99.5</td> </tr> <tr> <td>loaded</td> <td>99.4</td> </tr> <tr> <td rowspan="2">3#</td> <td>initial</td> <td>99.4</td> </tr> <tr> <td>loaded</td> <td>99.1</td> </tr> <tr> <td rowspan="2">4#</td> <td>initial</td> <td>99.5</td> </tr> <tr> <td>loaded</td> <td>99.2</td> </tr> <tr> <td rowspan="2">5#</td> <td>initial</td> <td>99.4</td> </tr> <tr> <td>loaded</td> <td>99.1</td> </tr> <tr> <td rowspan="2">6#</td> <td>initial</td> <td>99.5</td> </tr> <tr> <td>loaded</td> <td>99.2</td> </tr> <tr> <td rowspan="2">7#</td> <td>initial</td> <td>99.4</td> </tr> <tr> <td>loaded</td> <td>99.1</td> </tr> <tr> <td rowspan="2">8#</td> <td>initial</td> <td>99.5</td> </tr> <tr> <td>loaded</td> <td>99.2</td> </tr> <tr> <td rowspan="2">9#</td> <td>initial</td> <td>99.5</td> </tr> <tr> <td>loaded</td> <td>99.2</td> </tr> <tr> <td rowspan="2">10#</td> <td>initial</td> <td>99.4</td> </tr> <tr> <td>loaded</td> <td>99.2</td> </tr> <tr> <td rowspan="5">Temperature and humidity treatment</td> <td rowspan="2">11#</td> <td>initial</td> <td>99.2</td> </tr> <tr> <td>loaded</td> <td>99.0</td> </tr> <tr> <td rowspan="2">12#</td> <td>initial</td> <td>99.0</td> </tr> <tr> <td>loaded</td> <td>98.7</td> </tr> <tr> <td rowspan="2">13#</td> <td>initial</td> <td>99.1</td> </tr> <tr> <td>loaded</td> <td>98.8</td> </tr> <tr> <td rowspan="2">14#</td> <td>initial</td> <td>98.9</td> </tr> <tr> <td>loaded</td> <td>98.7</td> </tr> <tr> <td rowspan="2">15#</td> <td>initial</td> <td>98.8</td> </tr> <tr> <td>loaded</td> <td>98.4</td> </tr> </tbody> </table>	Sample No	Measured Value		1#	initial	99.4	loaded	99.1	2#	initial	99.5	loaded	99.4	3#	initial	99.4	loaded	99.1	4#	initial	99.5	loaded	99.2	5#	initial	99.4	loaded	99.1	6#	initial	99.5	loaded	99.2	7#	initial	99.4	loaded	99.1	8#	initial	99.5	loaded	99.2	9#	initial	99.5	loaded	99.2	10#	initial	99.4	loaded	99.2	Temperature and humidity treatment	11#	initial	99.2	loaded	99.0	12#	initial	99.0	loaded	98.7	13#	initial	99.1	loaded	98.8	14#	initial	98.9	loaded	98.7	15#	initial	98.8	loaded	98.4	Qualified
				Sample No	Measured Value																																																																															
				1#	initial	99.4																																																																														
					loaded	99.1																																																																														
				2#	initial	99.5																																																																														
					loaded	99.4																																																																														
				3#	initial	99.4																																																																														
					loaded	99.1																																																																														
				4#	initial	99.5																																																																														
					loaded	99.2																																																																														
				5#	initial	99.4																																																																														
					loaded	99.1																																																																														
				6#	initial	99.5																																																																														
					loaded	99.2																																																																														
				7#	initial	99.4																																																																														
					loaded	99.1																																																																														
				8#	initial	99.5																																																																														
					loaded	99.2																																																																														
				9#	initial	99.5																																																																														
					loaded	99.2																																																																														
10#	initial	99.4																																																																																		
	loaded	99.2																																																																																		
Temperature and humidity treatment	11#	initial	99.2																																																																																	
		loaded	99.0																																																																																	
	12#	initial	99.0																																																																																	
		loaded	98.7																																																																																	
	13#	initial	99.1																																																																																	
loaded		98.8																																																																																		
14#	initial	98.9																																																																																		
	loaded	98.7																																																																																		
15#	initial	98.8																																																																																		
	loaded	98.4																																																																																		
7	Harness	—	<p>Each harness, loop and other adjusting parts of the mask shall not slip or break when they are under 10N tension for 10s.</p> <p>Not pretreated: Each harness, loop and other adjusting parts of No. 21 mask did not slip or break after enduring 10N tension for 10s.</p> <p>After pretreatment: Each harness, loop and other adjusting parts of No. 22 mask did not slip or break after enduring 10N tension for 10s.</p>	Qualified																																																																																

Serial	Test Items	Unit	Requirement	Results	Individual Judgment																																																								
8	Exhalation valve cover	—	The expiratory valve cover of the mask shall not slip or break when it bears 10N pull force and lasts for 10s.	No expiratory valve cover, so not applicable.	—																																																								
9	Air tightness of exhalation valve	—	No one of the following conditions is allowed for each sample: a) When the extraction flow rate has reached 500ml / min, the negative pressure of the system can not reach 1180pa; b) The time for expiratory valve to return to normal pressure is less than 20so.	No expiratory valve cover, so not applicable.	—																																																								
10	Leakiness/% (TIL of disposable mask)	—	<table border="1"> <tr> <td>Fiber Material Grade</td> <td>Based on the TIL of each action (i.e.10 persons × 5 actions), there are at least 46 TILs of 50 actions.</td> <td>-11</td> </tr> <tr> <td>KN95</td> <td></td> <td></td> </tr> </table> <table border="1"> <tr> <td>Fiber Material Grade</td> <td>Total TIL of at least 8 out of 10 subjects based on total TIL.</td> <td>-8</td> </tr> <tr> <td>KN95</td> <td></td> <td></td> </tr> </table>	Fiber Material Grade	Based on the TIL of each action (i.e.10 persons × 5 actions), there are at least 46 TILs of 50 actions.	-11	KN95			Fiber Material Grade	Total TIL of at least 8 out of 10 subjects based on total TIL.	-8	KN95			<table border="1"> <tr> <td rowspan="5">Not Pretreated</td> <td>31#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td>32#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td>33#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td>34#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td>35#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td rowspan="5">Temperature and Humidity treatment</td> <td>36#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td>37#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td>38#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td>39#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td>40#</td> <td>TIL of 47 actions is less than 11</td> </tr> <tr> <td rowspan="5">Not Pretreated</td> <td>31#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td>32#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td>33#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td>34#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td>35#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td rowspan="5">Temperature and Humidity treatment</td> <td>36#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td>37#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td>38#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td>39#</td> <td>Nine people have a TIL less than 8</td> </tr> <tr> <td>40#</td> <td>Nine people have a TIL less than 8</td> </tr> </table>	Not Pretreated	31#	TIL of 47 actions is less than 11	32#	TIL of 47 actions is less than 11	33#	TIL of 47 actions is less than 11	34#	TIL of 47 actions is less than 11	35#	TIL of 47 actions is less than 11	Temperature and Humidity treatment	36#	TIL of 47 actions is less than 11	37#	TIL of 47 actions is less than 11	38#	TIL of 47 actions is less than 11	39#	TIL of 47 actions is less than 11	40#	TIL of 47 actions is less than 11	Not Pretreated	31#	Nine people have a TIL less than 8	32#	Nine people have a TIL less than 8	33#	Nine people have a TIL less than 8	34#	Nine people have a TIL less than 8	35#	Nine people have a TIL less than 8	Temperature and Humidity treatment	36#	Nine people have a TIL less than 8	37#	Nine people have a TIL less than 8	38#	Nine people have a TIL less than 8	39#	Nine people have a TIL less than 8	40#	Nine people have a TIL less than 8	Qualified
Fiber Material Grade	Based on the TIL of each action (i.e.10 persons × 5 actions), there are at least 46 TILs of 50 actions.	-11																																																											
KN95																																																													
Fiber Material Grade	Total TIL of at least 8 out of 10 subjects based on total TIL.	-8																																																											
KN95																																																													
Not Pretreated	31#	TIL of 47 actions is less than 11																																																											
	32#	TIL of 47 actions is less than 11																																																											
	33#	TIL of 47 actions is less than 11																																																											
	34#	TIL of 47 actions is less than 11																																																											
	35#	TIL of 47 actions is less than 11																																																											
Temperature and Humidity treatment	36#	TIL of 47 actions is less than 11																																																											
	37#	TIL of 47 actions is less than 11																																																											
	38#	TIL of 47 actions is less than 11																																																											
	39#	TIL of 47 actions is less than 11																																																											
	40#	TIL of 47 actions is less than 11																																																											
Not Pretreated	31#	Nine people have a TIL less than 8																																																											
	32#	Nine people have a TIL less than 8																																																											
	33#	Nine people have a TIL less than 8																																																											
	34#	Nine people have a TIL less than 8																																																											
	35#	Nine people have a TIL less than 8																																																											
Temperature and Humidity treatment	36#	Nine people have a TIL less than 8																																																											
	37#	Nine people have a TIL less than 8																																																											
	38#	Nine people have a TIL less than 8																																																											
	39#	Nine people have a TIL less than 8																																																											
	40#	Nine people have a TIL less than 8																																																											
11	Flammability		Parts exposed to the flame shall not burn after moving away from the flame; if burning, the continuous burning time shall not exceed 5so.	<p>Not pretreated: No. 1 and No. 2 samples exposed to the flame did not burn after they were removed from the flame.</p> <p>After pretreatment: No. 3 and No. 4 samples are not burned after the parts exposed to the flame are removed from the flame.</p>	Qualified																																																								

Testing Results

STFWT20208283

Page 5 of 5

Serial	Test Items	Unit	Requirement	Results	Individual Judgment
12	Connecting and Connecting Parts	—	All connecting and connecting parts between replaceable filter element and mask, between respiratory catheter and filter element and mask shall not slip, break or deform under 10N axial tension for 10s.	Disposable mask, not applicable.	—



Points For Attention

1. This Report Is Invalid If Without "The Text Report Special Seal" Or The Official Seal Of The Institute.
2. The Reproduction Is Invalid If Without Being Confirmed By "The Text Report Special Seal" Or The Official Seal Of The Institute.
3. This Report Is Invalid If Without Signature Of The Major Tester And The Examiner And The Approver.
4. This Report Is Invalid If In Any Form By Any Means Altered.

The Institute Add: Lingang Road 166, Lingang Economic Park , Gaogang, Taizhou.Jiangsu

The Institute Complain Tel:0523-86989901

The Institute Business Tel:0523-86989959

The Institute Fax:0523-86989939

The Institute Post:225300

The Institute Web:www.jstfzx.com

The Institute E-mail: 1735889887@qq.com