



中国认可  
国际互认  
检测  
TESTING  
CNAS L3457



苏州中纺联检验技术服务有限公司

CNTAC Testing Service Co.,Ltd.(Suzhou)

地址：江苏省苏州市吴江区盛泽镇敦煌路 388 号汇赢金融大厦 1-2 楼

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Floor 1-2,Huiying Financial Building,No.388,Dunhuang Road,Shengze,Wujiang,Suzhou,Jiangsu.

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<b>TESTING REPORT</b>	Report security check web: <a href="http://www.fcl-sz.org.cn">www.fcl-sz.org.cn</a> Security code:1541436231
Report No. ZFLJ0503502	Page 1 of 5



### Applicant Information

Applicant Name : XIAMEN DSY TEXTILE CO.,LTD  
Contact person : CADY YANG

### Sample Information

Sample Description : One piece of white composite fabric  
Style Name : Microporous Nonwoven SPP  
Sample Quantity : 155\*300cm  
Color and Description : Microporous film laminated nonwoven fabric 58gsm

- Sample receiving/Test started date: 2020-07-31
- Report Date : 2020-08-12
- The original sample is stucked on the last paper.

### Test Performed

- Judgement according to:  
GB 19082-2009 Technical requirements for single-use protective clothing for medical use .
- Selected test(s) as requested by applicants. For details, refer to attached page(s).

### Pronounce

The results shown in this report refer only to sample(s) tested unless otherwise stated.  
All the items are performed in the standard conditions, except the noted cases.  
Except for the requirement of the client, the test results and the conformity judgement of this report do not take the uncertainty of the test results into account.

Signed for and on behalf of  
CNTAC Testing Service Co.,Ltd(Suzhou)

Approved by	Main testing by	Prepare by

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Report No. ZFLJ0503502	Page 2 of 5



--- Test Result ---

Test Result	Requirements	Judgement	
<b>*1. Filtration Efficiency</b> <u>GB 19082-2009 Section 5.7</u>			
Air flow: 15L/min, Aerosol: NaCl Unit: <%>			
Minimum	98.3	≥ 70	Pass
<b>*2. Resistance to Penetration by Synthetic Blood</b> <u>GB 19082-2009 Appendix A</u>			
Synthetic blood surface tension: 0.041N/m Unit: <grade>			
Result	6	≥ 2	Pass
<b>*3. Microbiological</b> <u>GB 15979-2002 Appendix B</u>			
Unit: <CFU/g>			
Total number of bacterial colonies	16	Total number of bacterial colonies ≤ 200	Pass
Coli group	Not Detectable	Coli group Not Detectable	
Pseudomonas aeruginosa	Not Detectable	Pseudomonas aeruginosa Not Detectable	
Staphylococcus aureus	Not Detectable	Staphylococcus aureus Not Detectable	
Hemolytic streptococcus	Not Detectable	Hemolytic streptococcus Not Detectable	
The total number of fungal colonies	<20	The total number of fungal colonies ≤ 100	

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Report No. ZFLJ0503502	Page 3 of 5



Test Result	Requirements	Judgement
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**4. Tensile Strength** *ASTM D5034-2009(2017) Grab test*

1-inch grab test, CRE tensile test machine, testing speed 300mm/min, gauge length 75mm.

Unit: <lb>

Lengthwise	23.7	--	--
Widthwise	14.7		

**5. Tearing Strength** *ASTM D5587-15(2019) Trapezoid method*

CRE tensile test machine, testing speed 300mm/min, gauge length 25mm.

Unit: <lb>

Lengthwise	8.6	--	--
Widthwise			
Specimen 1#	3.1		
Specimen 2#	5.0		
Specimen 3#	6.0		
Specimen 4#	6.7		
Specimen 5#	3.1		

Remark: Because the results of widthwise are uneven, Report five results respectively.

**6. Abrasion Resistance** *ISO 12947-2:2016 Martindale method*

Use standard wool as abrasive material, Press: 9kPa.

Unit: <Rubs>

Specimen 1#	2200	--	--
Specimen 2#	2200		
Specimen 3#	2200		

Remark: The end point is reached when the film of fabric is worn off & the base fabric emerges from the film.

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Test Result	Requirements	Judgement
<b>7. Hydrostatic Pressure</b> <i>ISO 811:2018</i>		
Test area of 100cm <sup>2</sup> ,Hydrostatic pressure at 60 cmH <sub>2</sub> O/min, Tested on face.		
Unit: <mmH <sub>2</sub> O>		
Specimen 1#	1750	--
Specimen 2#	1880	--
Specimen 3#	1720	--
Specimen 4#	1810	--
Specimen 5#	1840	--
Mean value	1800	--
<b>8. Water Vapor Permeability</b> <i>GB/T 12704.1-2009 condition a</i>		
Desiccant method at 38°C, Relative humidity at 90%,wind speed at 0.3~0.5m/s,Front surface fabric faces the CaCl <sub>2</sub> .		
Unit: <g/(m <sup>2</sup> ·24h)>		
WVT	7980	--

Remark: “\*”The applied standard for the test method above is beyond the approved scope of CNAS&CMA for our testing center, the test was subcontracted to CNTAC Testing Service Co.,Ltd.(Foshan) CMA No.:201719011139

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**Original Sample**



===== End of Report =====

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