

No.: AN20000076ES



Page 1 of 4

Applicant China National Instruments Import & Export Group Corporation

Manufacture Wujiang Tutaike Textiles & Finishing co.,LTD

Trade Mark: TTK 涂泰克

Sample Name: Disposable Protective Coverall

Submitted Sample Color: —

Description Quantity: 1, Description: White protective clothing

Sample Grade: —, Safety Category: —

Style No.: Type: PP+PE

Test Type	Requested Examination	Date Received	Date Issued
		2020-04-01	2020-04-13

Performance Standard GB 19082-2009 technical requirements for disposable protective clothing for medical use



批准 Approved by

康宁

Wang Baojun (Director) Kang Ning (Investigator)



Notes

This report is valid only for the samples delivered by clients.
If there is any objection concerning the report, it is required that the objection should be put forth to the center within 15 days from the reception date of the report.

Measurement uncertainty is not considered on the results and conformity assessment in the report unless required by the customer.

*The test isn't requested for confirmation temporarily.

No.: AN20000076ES



Page 2 of 4

	Requirement	Results	Judgement
Appearance GB 19082-2009 条款 5.1			Pass
	See the appendix	See the appendix	
Resistance to penetration by water(kPa) GB/T 4744-1997			Pass
	≥1.67	>10	
Water-vapour transmission rate(g/(m ² · 24h)) GB/T 12704-1991			Pass
	≥2500	4470	
Synthetic blood penetration resistance(Grade) GB 19082-2009 附录 A			Pass
	≥2	>4	
Resistance to surface wetting(Grade) GB/T 4745-1997			Pass
	≥3	4-5	
Breaking force(N) GB/T 3923.1-1997			Pass
Warp	≥45	87	
Weft	≥45	45	
Breaking elongation(%) GB/T 3923.1-1997			Pass
Warp	≥15	90	
Weft	≥15	159	
Antistatic property(μ C/件) GB/T 12703-1991 条款 7.2			Pass
	≤0.6	0.4	
Microorganism index GB 15979-2002 附录 B			Pass
The total number of bacterial colonies(cfu/g)	≤200	<20	
Coli group	Not detected	Not detected	
Pseudomonas aeruginosa	Not detected	Not detected	
Staphylococcus aureus	Not detected	Not detected	
Hemolytic streptococcus	Not detected	Not detected	
Total number of fungal colonies(cfu/g)	≤100	<20	





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CNAS L0783

No.: AN20000076ES



Page 3 of 4

Requirement	Results	Judgement
Ethylene oxide residues(μ g/g) GB/T 14233.1-2008 条款 9		Pass
≤ 10	Not detected	
Static decay time(s) GB 19082-2009 条款 5.10		Pass
≤ 0.5	0.4	
Filtering efficiency(%) GB 19082-2009 条款 5.7*		Pass
Salinity	≥ 70	> 90



No.: AN20000076ES



Page 4 of 4

Items	Clause	Requirement	Judgement
Appearance quality	4.1.1	Protective clothing shall be dry, clean and no mildew, and the surface shall have no adhesion, cracks, holes and other defects	Pass
	4.1.2	The connection part of protective clothing can be processed by needle sewing, bonding or heat sealing. The needle hole of the needle seam shall be sealed, and the needle spacing shall be 8-14 stitches per 3cm. The stitches shall be even and straight without needle skipping. After bonding or heat sealing, the parts shall be flat, sealed and no bubbles.	Pass
	4.1.3	The zipper of the protective clothing with zipper shall not be exposed, and the pull head shall be self-locking.	Pass
Judgement			Pass
Notes	No stick-on sample for non-destructive testing.		

End of report

