

TEST REPORT

(Electronic version)

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VERIFICATION WEBSITE: www.gtcc.net.cn

VERIFICATION CODE: CLKB-2304-54

No: 210089918

ISSUE DATE: 2021-05-20

APPLICANT: WUJIANG TUTAIKE TEXTILES & FINISHING CO., LTD
ADDRESS: NO. 1599, 3RD SOUTHERN RING ROAD, SHENGZE TOWN, WUJIANG, JIANGSU, 215200, CHINA

INFORMATION CONFIRMED BY APPLICANT:
DISPOSABLE MEDICAL PROTECTIVE CLOTHING
QUANTITY: 20 PIECES
MODEL: TTK-A01 185

STANDARD ADOPTED:
GB 19082-2009 <Technical requirements for single-use protective clothing for medical use>

DATE RECEIVED/DATE TEST STARTED: 2021-04-27

CONCLUSION:

Appearance quality[3 pieces]	M
Structure[3 pieces]	M
Breaking strength	M
Elongation at break	M
Surface water repellency	M
Resistance to water penetration	M
Resistance against penetration by synthetic blood	M
Water-vapour transmission rate	M
Antistatic property	M
Coliform group	M
Total amount of bacterial colony	M
Total amount of fungus colony	M
Pseudomonas aeruginosa	M
Staphylococcus aureus	M
Hemolytic streptococcus	M
Filtration efficiency[Critical part]	M
Filtration efficiency[Seam]	M
Flame retardant performance	M

NOTE: "M" -MEET THE STANDARD'S REQUIREMENT "F" -FAIL TO MEET THE STANDARD'S REQUIREMENT
"---" -NO COMMENT

APPROVED BY:
Nan Ma ENGINEER

马楠



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REMARK:

ALL THE TESTED ITEMS ARE TESTED UNDER THE STANDARD CONDITION (EXCEPT FOR INDICATION).

COPIES OF THE REPORT ARE VALID ONLY RE-STAMPED.

THE EXPERIMENT WAS CARRIED OUT AT No. 1, ZHUJIANG ROAD, PANYU DISTRICT, GUANGZHOU, GUANGDONG, P. R. CHINA.

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Appearance quality[3 pieces]
(GB 19082-2009 5.1)

M

Pass

Requirement
Protective clothing should be dry, clean, and free of mildew spots. no defects such as blockings, cracks, holes are allowed on the surface. protective clothing connection parts can be processed by stitching, bonding or thermal bonding. the eye of the needle seam should be sealed. the stitch pitch should be 8-14 stitches per 3cm. the parts after processing such as bonding or thermal bonding should be flat, sealed and free of air bubbles. protective clothing with zippers should not be exposed. the slider should be self-locking.
(GB 19082-2009)

Structure[3 pieces]
(GB 19082-2009 5.2)

M

Pass

Requirement
Protective clothing consists of hooded tops and pants, which can be divided into overall and two-piece structure. the structure of the protective clothing should be reasonable, easy to put on and take off, and tightly bonded. the cuffs and ankles are closed with elastic. the hat's face closing and waist are closed with elastic, drawstring, buckle.
(GB 19082-2009)

Breaking strength(N)

M

(GB/T 3923.1-1997, The distance between the clamps:100mm, Rate:100mm/min)

MD 54
CD 110

Requirement
MD ≥ 45
CD ≥ 45
(GB 19082-2009)

Elongation at break(%)

M

(GB/T 3923.1-1997, The distance between the clamps:100mm, Rate:100mm/min)

MD 94
CD 64

Requirement
MD ≥ 15
CD ≥ 15
(GB 19082-2009)

Surface water repellency(Grade)

(GB/T 4745-1997)
(GB/T 4745-1997 eqv ISO 4920-1981)

1# 4
2# 4
3# 4

Requirement
 ≥ 3
(GB 19082-2009)



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Resistance to water penetration(kPa)		M
(GB/T 4744-1997, Steadily increasing water pressure:6.0kPa/min, Temperature of the water:20.0℃ ,Face down and face side tested)		
		Requirement
1#	13.6	
2#	12.8	
3#	9.30	
4#	16.3	
5#	21.6	
Average	14.7	≥1.67 (GB 19082-2009)
Resistance against penetration by synthetic blood(Grade)		M
(GB 19082-2009 Annex A, Surface tension of synthetic blood: 0.042N/m)		
		Requirement
	3	≥2 (GB 19082-2009)
Water-vapour transmission rate(g/(m²·d))		M
(GB/T 12704-1991, Method A: Desiccant method, Test condition: 38.0℃, 90.0%, Reaction time: 1h)		
		Requirement
	6520	≥2500 (GB 19082-2009)
Antistatic property(μC/piece)		M
(GB 19082-2009 5.9, Polyamide cloth, Temp: 20.2℃, Rh: 34.1%)		
		Requirement
	0.2	≤0.6 (GB 19082-2009)
Coliform group		M
(GB 15979-2002 Annex B)		
		Requirement
	Not detected	Must not be detected (GB 19082-2009)
Total amount of bacterial colony(CFU/g)		M
(GB 15979-2002 Annex B)		
		Requirement
	<20	≤200 (GB 19082-2009)
Total amount of fungus colony(CFU/g)		M
(GB 15979-2002 Annex B)		
		Requirement
	<20	≤100 (GB 19082-2009)
Pseudomonas aeruginosa		M
(GB 15979-2002 Annex B)		
		Requirement
	Not detected	Must not be detected (GB 19082-2009)



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Staphylococcus aureus

M

(GB 15979-2002 Annex B)

Not detected

Requirement
Must not be detected
(GB 19082-2009)

Hemolytic streptococcus

M

(GB 15979-2002 Annex B)

Not detected

Requirement
Must not be detected
(GB 19082-2009)

Filtration efficiency (%) [Critical part]

M

(GB 19082-2009 5.7, Air flow: 15L/min, Aerosol: NaCl, Aerosol concentration: 15mg/m³, Temp:23.7°C, Rh:36.4%)

Minimum

100

Requirement
≥70
(GB 19082-2009)

Filtration efficiency (%) [Seam]

M

(GB 19082-2009 5.7, Air flow: 15L/min, Aerosol: NaCl, Aerosol concentration: 15mg/m³, Temp:23.7°C, Rh:36.7%)

Minimum

97

Requirement
≥70
(GB 19082-2009)

Flame retardant performance

M

(GB/T 5455-1997, Vertical method, Type of gas: Tetrane)
(GB/T 5455-1997 neq JIS 1091-1992)

Afterflame time:

MD 5.2s

CD 2.4s

Afterglow time:

MD 0.0s

CD 0.0s

Damaged length:

MD 174mm

CD 167mm

Requirement

Afterflame time:

MD ≤15s

CD ≤15s

Afterglow time:

MD ≤10s

CD ≤10s

Damaged length:

MD ≤200mm

CD ≤200mm

(GB 19082-2009)



—End of Report—

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