Test Report

(Electronic version)

No: 21R002084

Resistance to penetration by blood-borne pathogens
Test Method: ISO 16604:2004
Procedure: D
Use retaining screen
Thickness of specimen(mm): 1# 0.16, 2# 0.16, 3# 0.16, average: 0.16
Mass per unit area of specimen(g/m^2): 1# 120, 2# 120, 3# 120, average: 120

Results:

Pressure and time sequence	Specimen				
	Control (+)	Control (-)	1#	2#	3#
0kPa, 5min	Seen	None seen	None seen	None seen	None seen
3.5kPa, 5min	Seen	None seen	None seen	None seen	None seen
Assay titer (PFU/ml)	Seen	＜1	＜1	＜1	＜1
Pass/Fail	Acceptable	Acceptable	Pass	Pass	Pass
Requirement	Pass Class 3				
Judgement standard	EN 14126:2003/AC:2004				
Conclusion	Pass				

———End of Report———

总部：广州市番禺区珠江路1号
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Colour fastness to perspiration(Grade)			---
(ISO 105-E04:2013)			
	Acid	Alkaline	
Colour change	4	4	
Colour staining			
- Acetate	4-5	4-5	
- Cotton	4-5	4-5	
- Polyamide	4-5	4-5	
- Polyester	4-5	4-5	
- Acrylic	4-5	4-5	
- Wool	4-5	4-5	
Colour fastness to rubbing(Grade)			---
(ISO 105-X12:2016)			
	Warp	Weft	
Dry	4-5	4-5	
Wet	4-5	4-5	
Colour fastness to light(Grade)			---
(ISO 105-B02:2014, Method 3, No.1 stage:expose until blue wool references 4 fades to a contrast equal to grey-scale grade 4; No.2 stage:expose until blue wool references 4 fades to a contrast equal to grey-scale grade 3,Q-SUN xe-2h)			
	4		
Color difference(Grade)[Any two pieces]			---
(ISO 105-A05:1996/Cor.2:2005)			
	4		

广州检验检测认证集团有限公司 检验检测专用章 (GF2)

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Dimensional stability to washing(%)		---
(ISO 6330:2012,Type A washing machine,Procedure:4H,Line dry)		
Side seam	0.0	
Front length	0.0	
Back body length	0.0	
Sleeve length	0.0	
Shoulder width	0.0	
Chest	0.0	
Sleeve width	0.0	
Cuff width	0.0	
Remark: (-) Means shrinkage and (+) means extension.		
Mass per unit area(g/m^2)		---
(ISO 3801:1977,Method 5)		
	111	
The resistance to dry microbial penetration(logCFU)		M
(EN ISO 22612:2005,The fourth generation of spores of bacillus subtilis ATCC 9372, The concentration of the spores:2.0×10^8 CFU/g talcum powder,Sample:12,Vibration frequency:20800 Times/min,Vibration time:30min)		
	Requirement	
＜1	≤1 (Class 3) (EN 14126:2003/AC:2004)	
The resistance to wet bacterial penetration		---
(EN ISO 22610:2006,Temp: 24.5℃,RH: 56.0% ,The distance of agar to plates brim: 3mm, Carrier material: 30μm polyurethane (PU))		
The barrier index 6.0		
Breaking strength(N)		---
(ISO 13934-1:2013,The distance between the clamps:200mm,Rate:100mm/min)		
MD	820	
CD	620	
Resistance to penetration by synthetic blood(Grade)		---
(ISO 16603:2004, Method: Method D)		
	5	
Colour fastness to washing(Grade)		---
(ISO 105-C06:2010,A1S,40℃, 10 steel balls)		
Colour change	4	
Colour staining		
- Acetate	4-5	
- Cotton	4-5	
- Polyamide	4-5	
- Polyester	4-5	
- Acrylic	4-5	
- Wool	4-5	

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Test Report

(Electronic version)

Verification Code: WSPM-0910-24
Verification Website: www.gttc.net.cn

No:21R002084 Issue Date: 2021-10-08

Applicant: Wujiang Tutaike Textiles & Finishing Co.,LTD
Address: NO.1599 South 3rd Ring Road Shengze Wujiang Jiangsu

Information confirmed by applicant:

TTK-C01 Protective reusable apron coat

Quantity: 2 pieces

Manufacture's name: Wujiang Tutaike Textiles & Finishing Co.,LTD

Standard Adopted:

EN 14126:2003/AC:2004 <Protective clothing - Performance requirements and tests methods for protective clothing against infective agents>

Date Received/Date Test Started: 2021-09-25

Conclusion:

Dimensional stability to washing	---
Mass per unit area	---
The resistance to dry microbial penetration	M
The resistance to wet bacterial penetration	---
Breaking strength	---
Resistance to penetration by synthetic blood	---
Colour fastness to washing	---
Colour fastness to perspiration	---
Colour fastness to rubbing	---
Colour fastness to light	---
Color difference[Any two pieces]	---
Resistance to penetration by blood-borne pathogens	M

Note: "M"-Meet the standard's requirement "F"-Fail to meet the standard's requirement "---"-No comment

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.

Approved By: Yuan Liu

Yuan Liu Engineer

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