

Test Report

(Electronic version)

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No: 20R006941

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

Information confirmed by applicant:

Surgical gown

Quantity: 20 pieces

Standard Adopted:

Date Received/Date Test Started: 2020-11-20

Conclusion:

Seam strength

Breaking strength

Tear strength

Abrasion resistance

Puncture resistance

The resistance to dry microbial penetration

The resistance to wet bacterial penetration

Flex cracking resistance

Resistance to ignition

Resistance to penetration by synthetic blood

Resistance to penetration by blood-borne pathogens

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).

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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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Seam strength(N) (EN ISO 13935-2:2014 Grab method) 130	---
Breaking strength (EN ISO 13934-1:2013) MD 110N CD 66N	---
Tear strength(N) (EN ISO 9073-4:1997, Trapezoid method) (EN ISO 9073-4:1997 idt ISO 9073-4:1997) MD 35 CD 36	---
Abrasion resistance(Grade) (EN 14325:2018 4.4, Pressure pot method, Load: 9KPa, Abradant type: 3M A65) ≥1	---
Puncture resistance(N) (EN 863:1995) 10	---
The resistance to dry microbial penetration(logCFU) (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) <1	---
The resistance to wet bacterial penetration (EN ISO 22610:2006, Temp: 24.5°C, RH: 56.0% , The distance of agar to plates brim: 3mm, Carrier material: 30µm polyurethane (PU)) The barrier index 6.0	---
Flex cracking resistance (EN ISO 7854:1997 Method B 23°C > 3000 cycles) No breakage after 3001 cycles	---
Resistance to ignition(s) (EN 13274-4:2001 Method 3) Afterflame time 1# 0.0 2# 0.0 3# 0.0	---



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No: 20R006941
Resistance to penetration by synthetic blood
Test Method: ISO 16603:2004

Procedure: D

Use retaining screen

Thickness of specimen: 0.35mm

 Mass per unit area of specimen: 74g/m²
Results:

Pressure and time sequence	Specimen		
	1#	2#	3#
0kPa, 5min	Pass	Pass	Pass
1.75kPa, 5min	Pass	Pass	Pass
3.5kPa, 5min	Pass	Pass	Pass
7kPa, 5min	Pass	Pass	Pass
14kPa, 5min	Pass	Pass	Pass
20kPa, 5min	Pass	Pass	Pass
Judgement	20kPa Pass	20kPa Pass	20kPa Pass
Requirement	---		
Judgement standard	---		
Conclusion	---		
Remark	---		



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Resistance to penetration by blood-borne pathogens

Test Method: ISO 16604:2004

Procedure: D

Use retaining screen

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	---				
Judgement standard	---				
Conclusion	---				



————End of Report————