



Test Report

Report No. A2220344466101

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Company Name RONCO DISPOSABLE PRODUCTS LTD.
Show on Report
Address 5-155 ROWNTREE DAIRY ROAD, VAUGHAN, ON L4L 6E1, CANADA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Pleated masks
Sample Color	Outside blue, inside white
Sample Quantity	100
Material composition	Polypropylene (PP) nonwoven
Brand	5616
Country of Origin	Canada
Sample Source	Client deliver
Sample Status	In good status
Sample Received Date	Aug. 8, 2022
Testing Period	Aug. 8, 2022 to Aug. 15, 2022

Test Conducted:

As requested by the applicant, for details refer to next page(s)



Approved by

Hebe Wu

Hebe Wu
Lab Manager
Aug. 22, 2022

Sally Liu

Sally Liu
Technical director

No. S537493428

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

No.1351, Wanfang Road, Minhang District, Shanghai, China

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Summary of Test Result(s)		
Test Item(s)	Test Standard	Test Result/Conclusion
Differential Pressure	EN 14683:2019+AC:2019	PASS
Flammability Test	16 CFR Part 1610-2021	PASS
Resistance against Penetration by Synthetic Blood	ASTM F1862/F1862M-17	PASS
Bacterial Filtration Efficiency*	ASTM F2101-2019	PASS
Particle Filtration Efficiency* ¹	ASTM F2299/F2299M-03(R 2017)	PASS

Test Request	ASTM F2100-21 Level 1 Barrier
Total conclusion	After Testing, the tested items of the submitted samples comply with ASTM F 2100-21 Level 1 Barrier requirements
*****For Further Details, Please Refer to the Following Page(s) *****	

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Tests Conducted (As Requested by the Client)

1 Differential Pressure(EN 14683:2019+AC:2019)

Tested Item(s)	Test Result		Standard Requirement
	001		
Differential Pressure	3.8mmH ₂ O/cm ²		<5.0mmH ₂ O/cm ²

2 Flammability Test (16 CFR Part 1610-2021)

Test Specimen Direction: Lengthwise(Face)

Test Item(s)	Test Result		Standard Requirement
	001		
	AS Received		
Plain Surface	Time of flame spread (s)		Class 1
	1	DNI	
	2	DNI	
	3	DNI	
	4	DNI	
	5	DNI	
Test Result	Class 1 (Normal Flammability)		
Conclusion	Pass		

Remark:

DNI = Did Not Ignite

3 Resistance against Penetration by Synthetic Blood (ASTM F1862/F1862M-17)

Pressure: 10.6kPa Velocity: 450cm/s Volume: 2mL

Test Item(s)	Test Result		Standard Requirement
	001		
Resistance against Penetration by Synthetic Blood	1#	No Penetration	≥80mmHg
	2#	No Penetration	
	3#	No Penetration	
	4#	No Penetration	
	5#	No Penetration	
	6#	No Penetration	
	7#	No Penetration	
	8#	No Penetration	

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Test Item(s)	Test Result		Standard Requirement
	001		
Resistance against Penetration by Synthetic Blood	9#	No Penetration	≥80mmHg
	10#	No Penetration	
	11#	No Penetration	
	12#	No Penetration	
	13#	No Penetration	
	14#	No Penetration	
	15#	No Penetration	
	16#	No Penetration	
	17#	No Penetration	
	18#	No Penetration	
	19#	No Penetration	
	20#	No Penetration	
	21#	No Penetration	
	22#	No Penetration	
	23#	No Penetration	
	24#	No Penetration	
	25#	No Penetration	
	26#	No Penetration	
	27#	No Penetration	
	28#	No Penetration	
29#	No Penetration		
30#	No Penetration		
31#	No Penetration		
32#	No Penetration		

4 Bacterial Filtration Efficiency* (ASTM F2101-2019)

Tested Item(s)	Test Result		Standard Requirement
	001		
Bacterial Filtration Efficiency	99.9%		≥95%
	>99.9%		
	>99.9%		

Note(s): 1.LOD= Limit Of Detection

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5 Particle Filtration Efficiency*1 (ASTM F2299/F2299M-03(R 2017))

Aerosol: PSL, Test area: 100cm², airflow velocities: 5.33cm/s, Sampling time: 1min.

Test conditions: temperature 22.1 °C, relative humidity 50.1%.

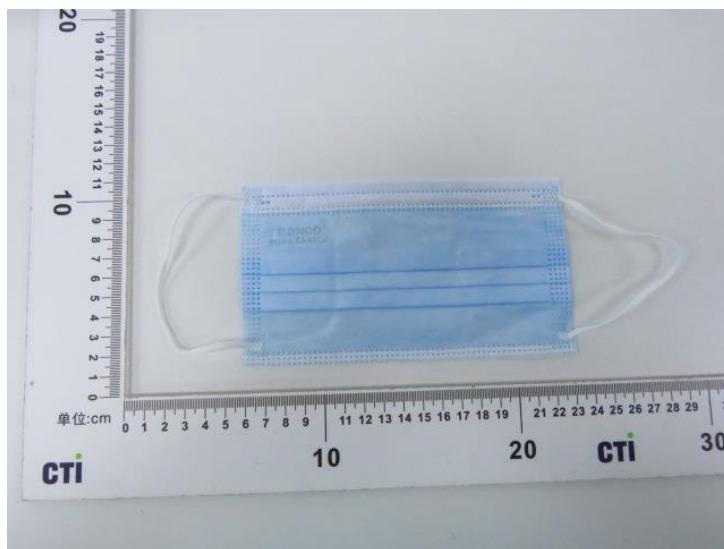
Tested Item(s)	Test Result		Standard Requirement
	001		
Particle Filtration Efficiency	1#	97.0%	≥95%
	2#	97.4%	
	3#	98.2%	
	4#	97.8%	
	5#	97.6%	
	Minimum	97.0%	

Tested Sample/Part Description

001 Blue masks

Note: : “*” indicates the item(s) is (are) not in CMA accreditation scope. “*1” Indicates the item(s)/method(s) is (are) not in CMA accreditation scope, and fulfilled by CNTAC Testing Service Co.,Ltd.(Foshan).Result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

Photo(s) of the sample(s)



2023.04.10
 10:00 AM
 4月10日

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Statement:

- 1.This report is considered invalidated without approval signature, special stamp;
- 2.Company name and address show on report , the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
- 3.The result(s) shown in this report refer(s) only to the sample(s) tested;
- 4.Without written approval of CTI, this report can't be reproduced except in full;
- 5.Except for the requirement of the client, the test results and the conformity assessment in this report do not take the uncertainty into account.

*** End of Report ***

