



Mask Testing Services  
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**KINECTRICS**



ANALYTICAL REPORT ID 21-PPE-00548  
DATE RECEIVED 26-Jul-2021  
REPORT DATE 3-Aug-2021  
MANUFACTURER INCYT RESILIENCE INC.

PRODUCT ID New Material July 16, 2021  
LOT/BATCH# n/a  
MATERIAL SMS  
DESCRIPTION 3-ply; Blue

## MEDICAL MASK TEST SUMMARY

ASTM F2100: Standard Specification for Performance of Materials used in Medical Face Masks

Test Method	AVERAGED RESULT	Not Rated	ASTM F2100		
			Level 1	Level 2	Level 3
<b>Flammability</b> 16 CFR 1610	Class 1	Class 3	Class 1		
<b>Particulate Filtration Efficiency</b> ASTM F2299	99.93	< 95%	≥ 95%	≥ 98%	
<b>Differential Pressure</b> EN 14683 Annex C	2.57	≥ 6.0 mm H <sub>2</sub> O/cm <sup>2</sup>	< 5.0 mm H <sub>2</sub> O/cm <sup>2</sup>	< 6.0 mm H <sub>2</sub> O/cm <sup>2</sup>	
<b>Bacterial Filtration Efficiency</b> ASTM F 2101	99.98	< 95%	≥ 95%	≥ 98%	
<b>Fluid Resistance to Synthetic Blood</b> ASTM F1862	160 mmHg	Failure at 80 mmHg	80 mmHg	120 mmHg	160 mmHg

Highlighted box indicates the performance level of the mask for the given test.

The samples tested meet the acceptance criteria for **ASTM F2100 performance LEVEL 3.**

Test results only apply to the samples submitted for analysis. Samples are randomly selected for each test from the submitted batch. It is the responsibility of the distributor to ensure the tested batch is compliant to the required sampling methodology as per ANSI/ASQ Z1.4 or ISO 2859-1. Additional test information is available upon request. Kinectrics is accredited to ISO 17025:2017 by the Standards Council of Canada for ASTM F2100

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