

TEST REPORT

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Your reference No. : —
 Our reference No. : FB8500159479

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SYNTHETIC BLOOD PENETRATION TEST

Date: 07/05/2021

Tested For: **Granttech Pte Ltd**
 629 Aljunied Road
 Unit 04-17
 Cititech Industrial Building
 Singapore 389838
Attention : SY Ong

Test Method: ASTM F1862 / ISO22609 Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity).

Date Sample Received: 26/04/2021

Date Sample Analyzed: 07/05/2021

Sample Description: Granzilla Aircare 3 Ply Disposable Face Mask (Black/White) (LOT : LOT21042021)

Results:

Lab Sample ID No.	Pressure	Number of Test Articles Tested	Number of Test Articles Passed ¹
FB8500159479	160 mmHg (21.3 kPa)	32	32

Remarks:

The tested results apply only to the samples as received by the laboratory.

¹As per ASTM F1862 Level III face masks, an acceptable quality limit of 4.0% is met for a normal single sampling plan when ≥ 29 out of 32 test articles show passing results.


 DR WU JIEN
 HOD MICROBIOLOGY

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BIOLOGICAL & CHEMICAL TECHNOLOGY DIVISION

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Test Items (Mask Sample 1 #3 ply. Spec T=44+20+40gsm)	Test Results (Blood penetration @ 160 mmHg)
Sample #1	None Observed
Sample #2	None Observed
Sample #3	None Observed
Sample #4	None Observed
Sample #5	None Observed
Sample #6	None Observed
Sample #7	None Observed
Sample #8	None Observed
Sample #9	None Observed
Sample #10	None Observed
Sample #11	None Observed
Sample #12	None Observed
Sample #13	None Observed
Sample #14	None Observed
Sample #15	None Observed
Sample #16	None Observed

Remarks:

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Test Items (Mask Sample 1 #3 ply.Spec T=44+20+40gsm)	Test Results (Blood penetration @ 160 mmHg)
Sample #17	None Observed
Sample #18	None Observed
Sample #19	None Observed
Sample #20	None Observed
Sample #21	None Observed
Sample #22	None Observed
Sample #23	None Observed
Sample #24	None Observed
Sample #25	None Observed
Sample #26	None Observed
Sample #27	None Observed
Sample #28	None Observed
Sample #29	None Observed
Sample #30	None Observed
Sample #31	None Observed
Sample #32	None Observed

Remarks:

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