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TEST REPORT: 7191243504-CHM20-03-CXJ

Date: 11 SEP 2020

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Client's Ref:

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SUBJECT

Sub-micron Particulate Filtration Efficiency (PFE) at 0.1 micron

CLIENT

HONSIN APPAREL SDN BHD
531 BATU 2 1/2
JLN KLUANG
83000 BATU PAHAT
JOHOR

Attn: DR HARIN

SAMPLE SUBMISSION DATE / TEST DATE

19 August 2020 / 11 September 2020

DESCRIPTION OF PRODUCT

One mask sample described as below was received.

Product Name	Manufacturer	Lot Number
ProXmask Filter	Honsin Apparel Sdn Bhd	PDCC-ProX--021-0003

The test samples have been subjected to AATCC LP2-2018 Home Laundering: Hand Washing procedure (60 washes and drying at 5th, 20th, 30th, 35th and 60th cycle) prior to testing.



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DESCRIPTION OF SAMPLE (cont'd)

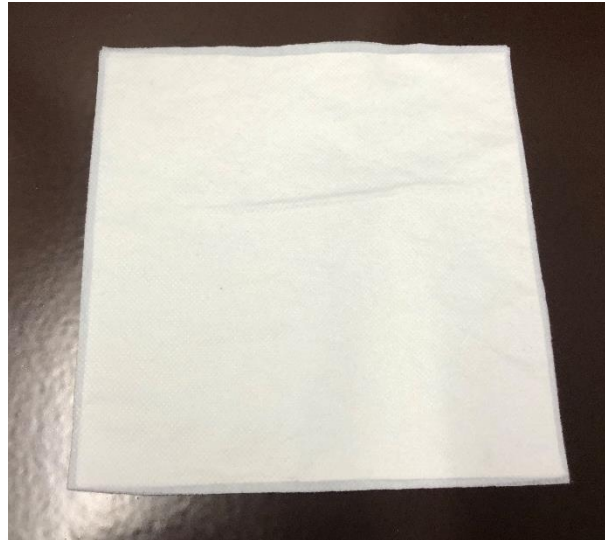


Figure 1: "ProXmask Filter" sample as received

METHOD OF TEST

ASTM F2299 - Standard Test Method for Determining the Initial Efficiency of Materials Used in Medical Face Masks to Penetration by Particulates Using Latex Spheres (average particle size 0.1 μm , natural state)

Air Flow Rate: 28.3 LPM
Air Velocity: 5.1 cm/s
Test Area: 91.6 cm^2



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RESULTS

Sample Description : ProXmask Filter

Sub-micron Particulate Filtration Efficiency (PFE) at 0.1 micron		
S/N	Result of PFE, %	Average PFE, %
1	96.19	96.50
2	96.56	
3	97.24	
4	96.26	
5	96.24	

Remarks :

The above test results relate to the samples as received.

MS CHEN XINYI JOEY
CHEMIST
ELEMENTAL ANALYSIS
CHEMICAL CENTRE

DR YANG LEI
EXECUTIVE CONSULTANT
ELEMENTAL ANALYSIS
CHEMICAL CENTRE

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July 2011

