



TEST REPORT TUCHENG

Date: Jan. 24, 2019 Date of Receipt: Jan. 21, 2019

Report No.: TF80 Quantity: 1PC Page Order/Pages: (P1/2) Ref. No.: NIL

Report Title: MASK Item:

Address: XXXX- France

PM_{2.5} Filtration efficiency test report

Sample description is given by the client

- (1) Manufacturer : XXXXX.
- (2) Sample name : MASK

1. Test Conditions

- (1) Test standard : CNS15980 Z3039:2017 8.2.2
- (2) Flow rate : 85 LPM
- (3) Test area : 100 cm²
- (4) Temperature : 25±5°C
- (5) Humidity : 30±10%
- (6) Salt Aerosol : KCl
- (7) Oil Aerosol : PAO

Note: 1.This report is only responsible for the submitted sample(s), which will be kept for one month period.

2.This report cannot be reproduced in any way, except in full context, without the prior approval in writing of this Department of Testing and Certification.

3.The test report should not be used for public advertisement and commercial promotion.

Authorized by president of
Taiwan Textile Research Institute

Gwo-Tsun Jou

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TEST REPORT TUCHENG

Date: Jan. 24, 2019 Date of Receipt: Jan. 21, 2019

Report No.: TF801 Quantity: 1PC Page Order/Pages: (P2/2) Ref. No.: NIL

K X X X X

MASK X

Report Title: Item:

Address: X X X X X X

2. Testing Results

(1) Filtration efficiency - KCl

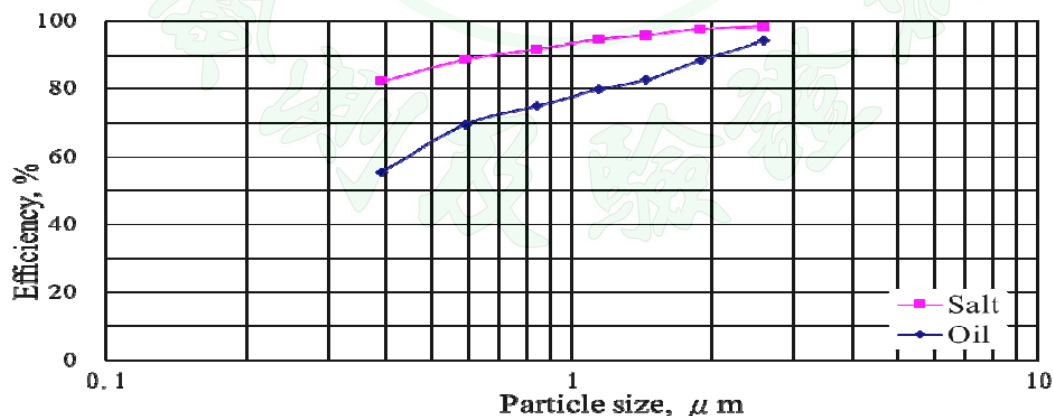
Size range (μm)		0.3~0.5	0.5~0.7	0.7~1.0	1.0~1.3	1.3~1.6	1.6~2.2	2.2~3.0
Particle size (μm)		0.39	0.59	0.84	1.14	1.44	1.88	2.57
Initial efficiency (%)	1	83.25	89.03	92.19	94.98	96.19	97.82	98.60
	2	80.30	87.69	90.85	94.03	94.88	96.86	97.87
	3	83.06	89.58	92.26	94.76	96.35	98.05	98.66
	Average	82.21	88.77	91.77	94.59	95.81	97.58	98.38

E(PM_{2.5}) : 89.27%

(2) Filtration efficiency - PAO

Size range (μm)		0.3~0.5	0.5~0.7	0.7~1.0	1.0~1.3	1.3~1.6	1.6~2.2	2.2~3.0
Particle size (μm)		0.39	0.59	0.84	1.14	1.44	1.88	2.57
Initial efficiency (%)	1	53.29	67.43	72.81	77.77	80.60	87.26	92.64
	2	58.18	72.77	78.18	82.87	85.71	89.72	95.33
	3	55.02	68.49	74.02	78.86	81.62	88.45	94.56
	Average	55.50	69.56	75.00	79.83	82.64	88.48	94.17

E(PM_{2.5}) : 70.65%



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