



TEST REPORT TUCHENG

Date: Apr. 19, 2018 Date of Receipt: Apr. 11, 2018

Report No.: TF704139 Quantity: 1PC Page Order/Pages: (P1/2) Ref. No.: NIL

Report Title: TRIMELTECH CO., LTD.(U0254) Item: Nonwoven Fabric

Address: NO. 770-1, YONGFU RD., SINWU DIST., TAOYUAN CITY 32744, TAIWAN

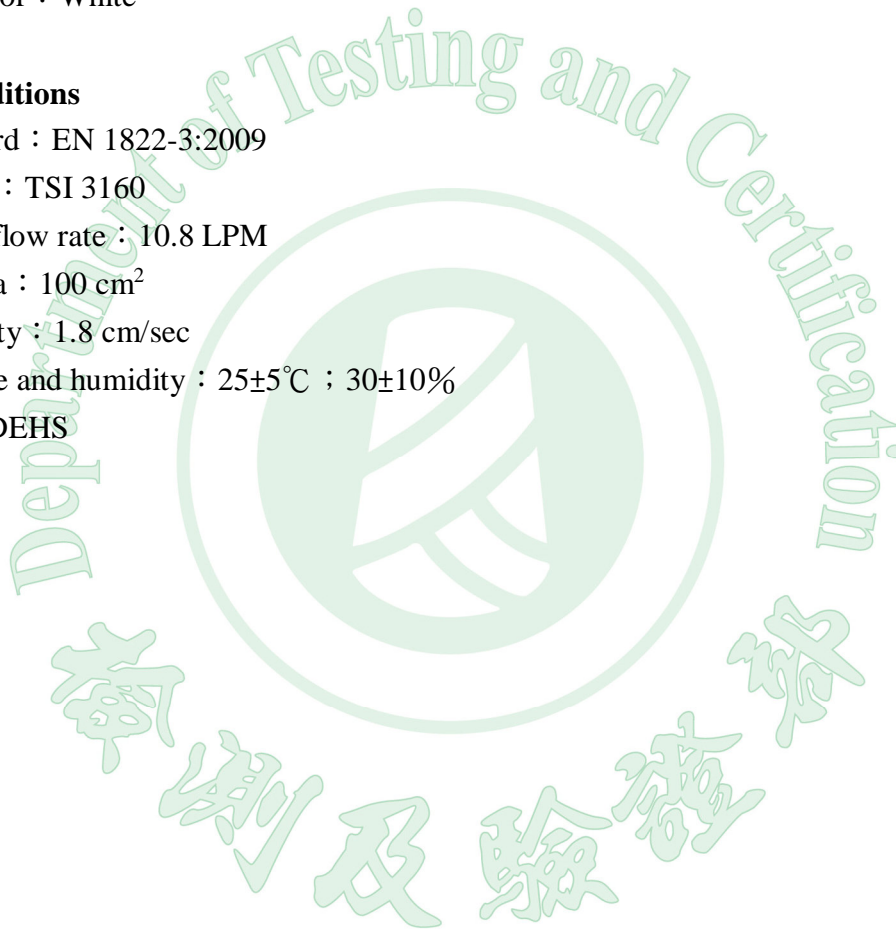
Filter Test Report

I. Media Descriptions

1. Manufacturer : Trimeltech CO.,LTD.
2. Sample Name : 25gsm HEPA H13 (HFM02513M)
3. Media Color : White

II. Testing Conditions

- (a) Test standard : EN 1822-3:2009
- (b) Equipment : TSI 3160
- (c) Volume airflow rate : 10.8 LPM
- (d) Testing area : 100 cm²
- (e) Face velocity : 1.8 cm/sec
- (f) Temperature and humidity : 25±5°C ; 30±10%
- (g) Aerosol : DEHS



- 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

Director.
Department of Testing and
Certification

Department of Testing and Certification, Taiwan Textile Research Institute
No.6, Chengtian Rd., Tucheng Dist., New Taipei City 23674, Taiwan (R.O.C.)
Tel : +886-2-22670321 ext. 7107, 7110
Fax : +886-2-22675108 , +886-2-22689839



TEST REPORT TUCHENG

Date: Apr. 19, 2018 Date of Receipt: Apr. 11, 2018

Report No.: TF704139 Quantity: 1PC Page Order/Pages: (P2/2) Ref. No.: NIL

Report Title: TRIMELTECH CO., LTD.(U0254) Item: Nonwoven Fabric

Address: NO. 770-1, YONGFU RD., SINWU DIST., TAOYUAN CITY 32744, TAIWAN

III. Testing Results

- (a) Filtration media weight : 24.8 g/m²
- (b) Initial pressure drop : 1.0 mmH₂O
- (c) MPPS : 0.04 μm
- (d) Initial Efficiency @MPPS : 99.864 %
- (e) Media Class : E12
- (f) Penetration at Different Particle Size

D (μ m)	Eff. (%)	Pen. (%)
0.015	99.9484095	0.0515905
0.02	99.9141207	0.0858793
0.025	99.8783019	0.1216981
0.03	99.8718290	0.1281710
0.035	99.8680092	0.1319908
0.04	99.8645206	0.1354794
0.05	99.8572652	0.1427348
0.07	99.9262414	0.0737586
0.09	99.9457109	0.0542891
0.10	99.9602446	0.0397554
0.12	99.9805206	0.0194794
0.14	99.9855546	0.0144454
0.16	99.9880294	0.0119706
0.18	99.9905978	0.0094022
0.20	99.9924545	0.0075455
0.30	99.9948058	0.0051942

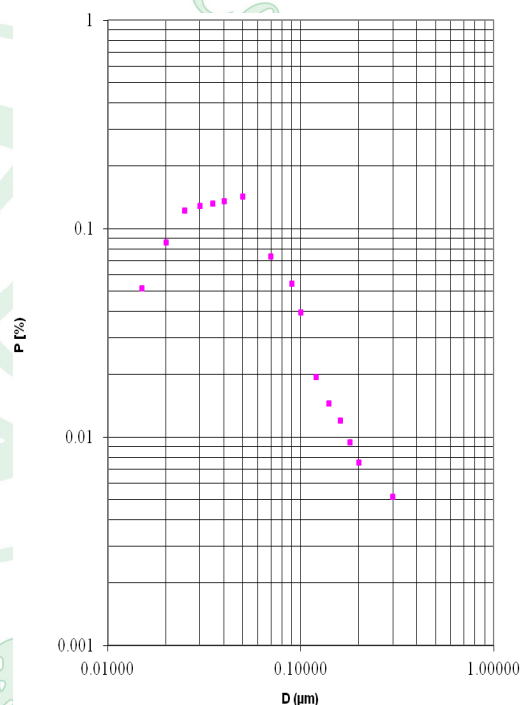


Fig.1 Penetration at Different Particle Size

- 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

Director.
Department of Testing and Certification

Department of Testing and Certification, Taiwan Textile Research Institute
No.6, Chengtian Rd., Tucheng Dist., New Taipei City 23674, Taiwan (R.O.C.)
Tel : +886-2-22670321 ext. 7107, 7110
Fax : +886-2-22675108 , +886-2-22689839