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日期 Date: Dec. 27, 2017 收件日期 Date of Receipt: Dec. 15, 2017
報告編號 Report No.: TF612281 數量 Quantity: 1 PC 報告頁次/頁數 Page Order/Pages: (P1/2) 來文字號 Ref. No.: NIL
報告抬頭 Report Title: TRIMELTECH CO., LTD.(U0254) 試件類別 Item: Media
地址 Address: NO. 770-1, YONGFU RD., SINWU DIST., TAOYUAN CITY 32744, TAIWAN

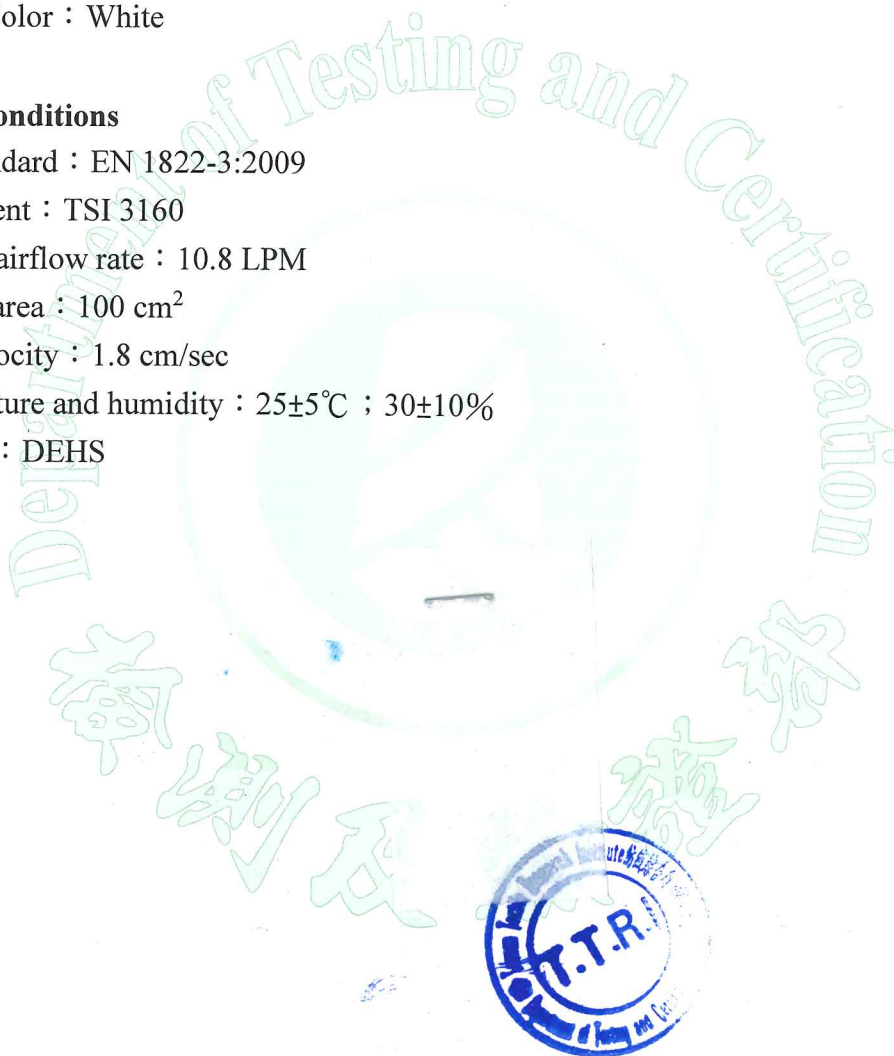
Filter Test Report

I. Media Descriptions

- (a) Manufacturer: Trimeltech CO., LTD.
- (b) Sample Name : 20gsm HEPA H10 (HFM02010M)
- (c) 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



Guo-Tsun Jou

附記: 1.本報告僅對樣品負責, 樣品保留期限為一個月。
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 試驗報告 TEST REPORT 土城場區 TUCHENG
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III. Testing Results

- (a) Filtration media weight : 20.1 g/m²
- (b) Initial pressure drop : 0.1 mmH₂O
- (c) MPPS : 0.07 μm
- (d) Initial Efficiency @MPPS : 86.39 %
- (e) Media Class : E10
- (f) Penetration at Different Particle Size

D (μm)	Eff. (%)	Pen. (%)
0.015	94.6410109	5.3589891
0.02	93.6312547	6.3687453
0.025	92.4612706	7.5387294
0.03	91.6235834	8.3764166
0.035	90.2283733	9.7716267
0.04	89.8752204	10.1247796
0.05	86.8478773	13.1521227
0.07	86.3971007	13.6028993
0.09	87.3797196	12.6202804
0.10	89.5184058	10.4815942
0.12	89.5142084	10.4857916
0.14	89.4583383	10.5416617
0.16	89.6981289	10.3018711

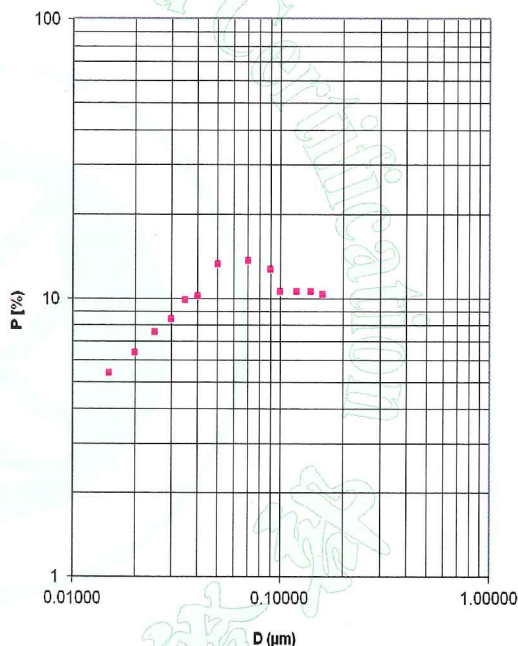


Fig.1 Penetration at Different Particle Size

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