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試驗報告

土城場區

TEST REPORT

TUCHENG

日期 Date: Dec. 27, 2017 收件日期 Date of Receipt: Dec. 15, 2017
報告編號 Report No.: TF612282 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

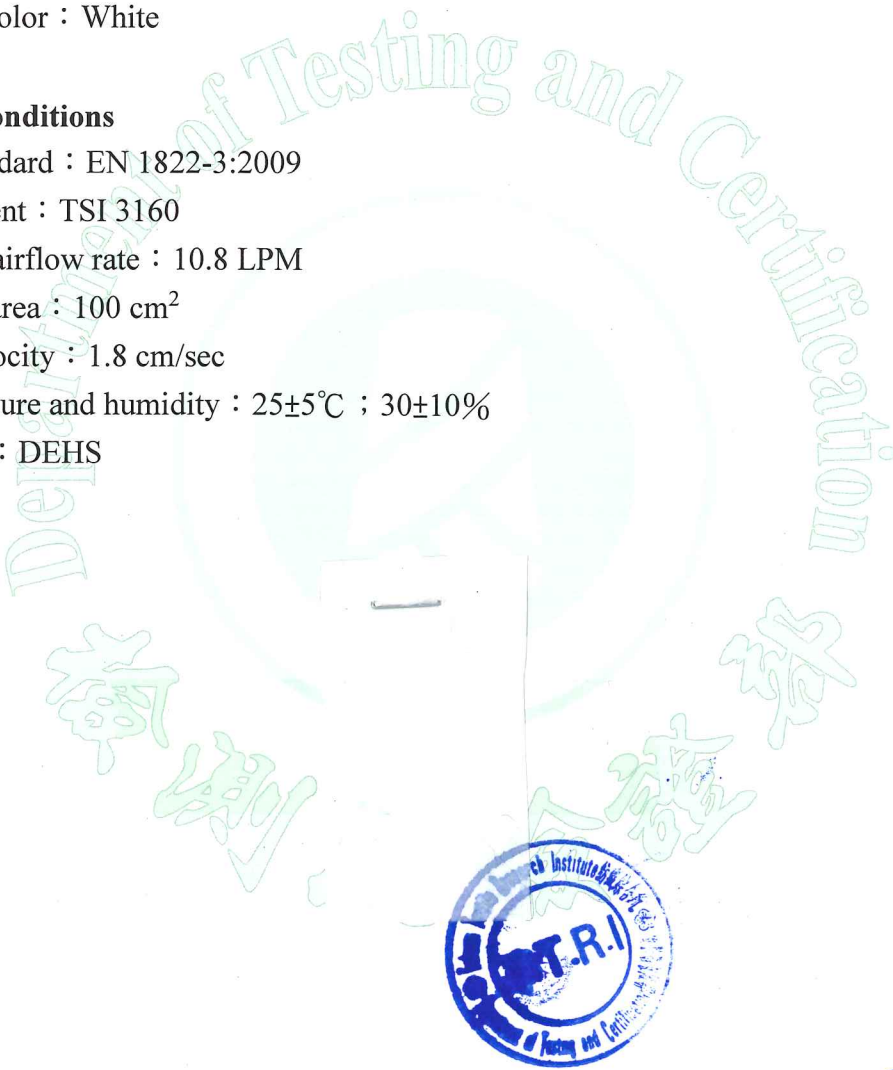
Filter Test Report

I. Media Descriptions

- (a) Manufacturer: Trimeltech CO.,LTD.
- (b) Sample Name : 20gsm HEPA H11 (HFM02011M)
- (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



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III. Testing Results

- (a) Filtration media weight : 20.4 g/m²
- (b) Initial pressure drop : 0.4 mmH₂O
- (c) MPPS : 0.04 μm
- (d) Initial Efficiency @MPPS : 96.30 %
- (e) Media Class : E11
- (f) Penetration at Different Particle Size

D (μm)	Eff. (%)	Pen. (%)
0.015	98.9845230	1.0154770
0.02	98.5237992	1.4762008
0.025	97.8015075	2.1984925
0.03	97.1721823	2.8278177
0.035	96.7900742	3.2099258
0.04	96.3063253	3.6936747
0.05	97.2138216	2.7861784
0.07	97.5078300	2.4921700
0.09	97.7274182	2.2725818
0.10	98.3570350	1.6429650
0.12	98.5258461	1.4741539
0.14	98.6658388	1.3341612
0.16	98.8022369	1.1977631

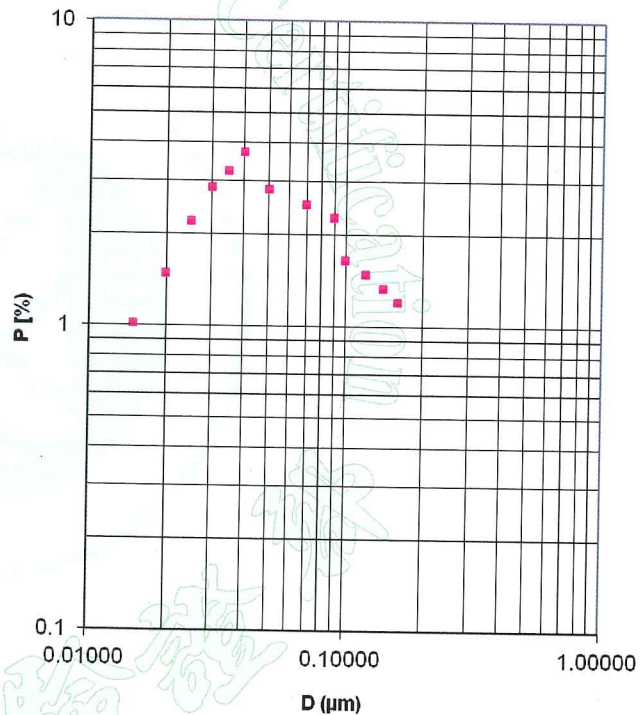


Fig.1 Penetration at Different Particle Size

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