

PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

Based on 40 CFR Part 63 National Emission Standard

MODEL/PART#: **PA22-XXXXX**
 Filter Name: **22 Gram Fiberglass Paint Arrestor**
 Test Date: **January 2010**

Test Information

Filter Description: (20" X 20")
 Yellow Fiberglass on White Backing
 Paint Description:
 High Solids Baking Enamel (S.W. #1 Permaclad 2400, red)
 Paint Spray Method:
 Conventional Air Gun at 40 PSI
 Spray Feed Rate:
 144 gr./min. 135 cc./min.
 Air Velocity:
 150 FPM

Test Results

Initial Pressure Drop of Clean Test Filter:
 0.03 in. water
 Final Pressure Drop of Loaded Test Filter:
 0.09 in. water
 Weight Gain on Test Filter & Test Frame Trough:
 3916 grams
 Paint Holding Capacity of Test Filter:
 1202 grams = 2.6 lbs.
 Paint Run-Off:
 2714 grams
 Weight Gain on Final Filter:
 24.55 grams = Penetration
 Average Removal Efficiency of Test Filter
 99.38 %

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