

PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Tested for: **Superior Fibers**
Filter Mfr.: **Superior Fibers**
Filter Name: **PA-22**
Report#./Test# **R 026 T 061**
Report Date: **7-Oct-96**

Test Information

FILTER DESCRIPTION: (20x20 pad)

White fiberglass w/thin blue glass backing layer

PAINT DESCRIPTION:

High Solids Baking Enamel (S.W. #1 Permaclad 2400, red)

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

147 gr./min. **135** cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.06 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.50 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

3857 gram

PAINT HOLDING CAPACITY of TEST FILTER

2116 grams = **4.7** lbs.

PAINT RUN-OFF

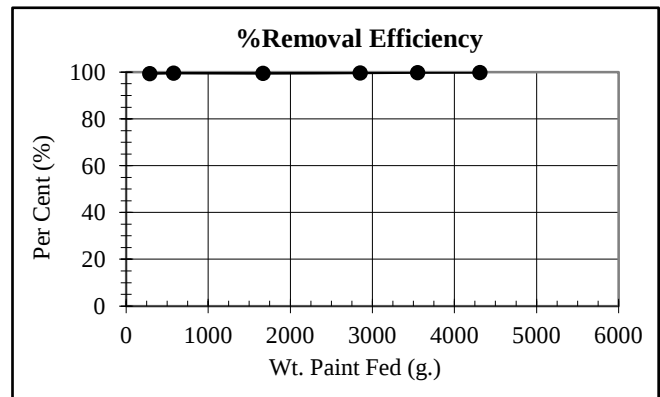
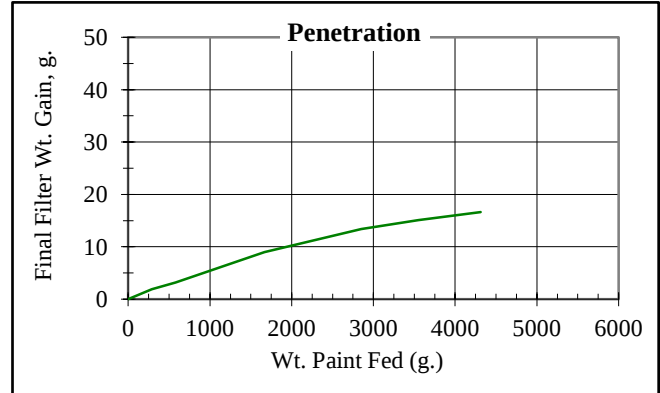
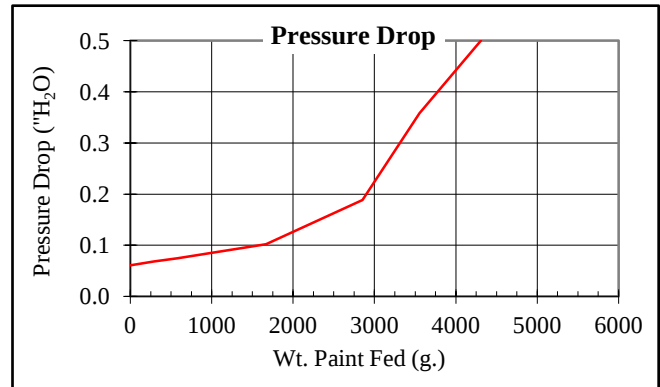
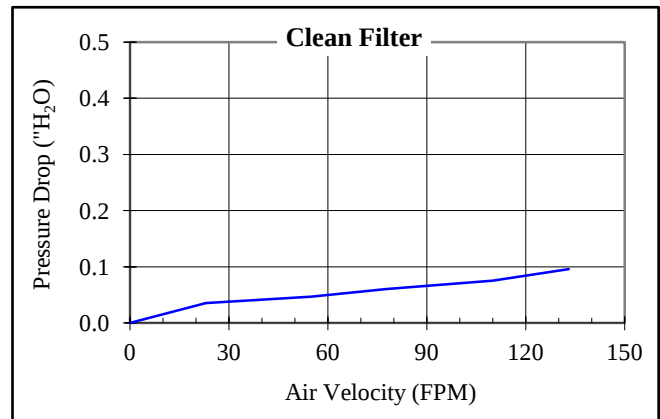
1159 grams

WEIGHT GAIN on FINAL FILTER

16.6 grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.50 %



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