

PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Tested for: **AAF International**
 Filter Mfr.: **AAF International**
 Filter Name: **PA22 Series**
 Report#./Test# **R 839 AAF T 939**
 Report Date: **December 30, 2016**
 PN# **602-651-xxx-300**

Test Information

FILTER DESCRIPTION:

Yellow skin/white highloft glass

PAINT DESCRIPTION:

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

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

142 gr./min. 135 cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.02 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.07 in. water

WEIGHT GAIN of TEST FILTER & TEST FRAME THROUGH

4157 grams

PAINT HOLDING CAPACITY of TEST FILTER

1468 grams = 3.2 lbs.

PAINT RUN-OFF

2638 grams

WEIGHT GAIN on FINAL FILTER

22.8 grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.45 %



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