

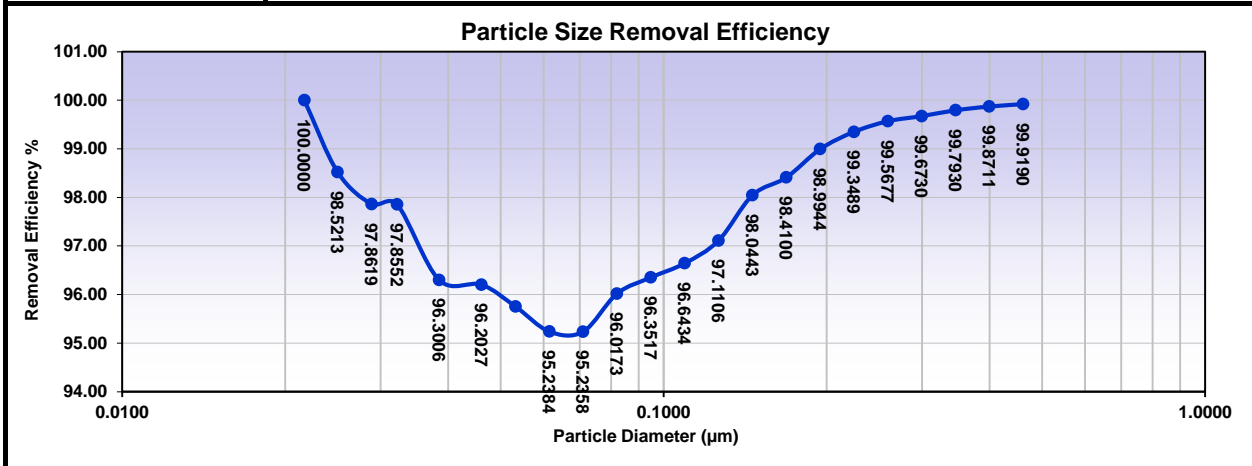


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Date: 8-Dec-16 TEST NO. 16-1879

EN-1822-3:2009
Test Report
 Efficiency / MPPS / Resistance

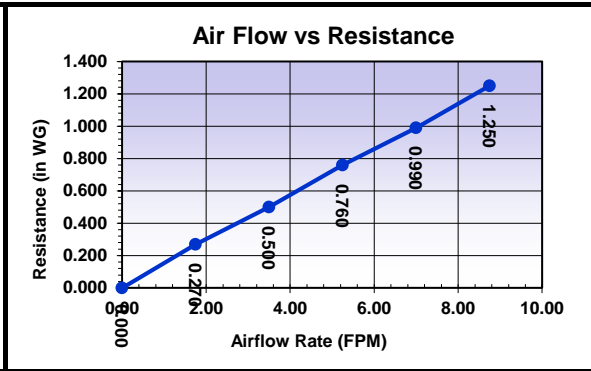
Media Information	Manufacturer	JP Air Tech
	Part Number / Media Identification	JX 255ALU+PTFE Membrane
	Nominal Dimensions	8.25" X 11.75"
	Media Type	Aluminized PFTE Membrane
Test Conditions	Test Air Flow Rate (FPM)	7
	Challenge Aerosol	DEHS
	Particle Measurement Equipment	TSI 3080 Classifier / TSI 3772 Counter
	Test Air Temperature (°F)	70.5
	Relative Humidity (%)	28.5
	Barometric Pressure (Inches Hg)	29.55
Test Results	Initial Resistance ("WG)	1.250
	MPPS Determination (µm)	0.0710
	Efficiency at MPPS (%)	95.2358
	Projected Rating (Min.Integral for E12=99.5%)	E11



Media Resistance

Air Flow (FPM)	Resistance (in WG)
0.00	0.000
1.75	0.270
3.50	0.500
5.25	0.760
7.00	0.990
8.75	1.250

Test Flow Rate



Comments

Requester Information	Test Requestor	Mads Bojda	Phone:	+45 5495 0025
	Company Name	JP Air Tech	Email:	mb@jpairtech.com
	Company Address	Narvikvej 7, 4900 Nakskov, Denmark	Date Requested:	11/8/2016
	Test Performed by:	Glen D. Toloczko CAFS	Completion Date:	12/8/2016

Test No. 16-1879
Date: 08-Dec-16

Data - Initial Resistance

Airflow (FPM)	Resistance (in WG)
0.00	0.000
1.75	0.270
3.50	0.500
5.25	0.760
7.00	0.990
8.75	1.250

Data - Particle Removal Efficiency

Particle Size Range (µm)	MPPS	Particle Removal Efficiency	
		(µm)	(%)
21.70		0.0217	100.0000
25.00		0.0250	98.5213
28.90		0.0289	97.8619
32.20		0.0322	97.8552
38.50		0.0385	96.3006
46.10		0.0461	96.2027
53.30		0.0533	95.7511
61.50		0.0615	95.2384
71.00	MPPS	0.0710	95.2358
82.00		0.0820	96.0173
94.70		0.0947	96.3517
109.40		0.1094	96.6434
126.30		0.1263	97.1106
145.90		0.1459	98.0443
168.50		0.1685	98.4100
194.60		0.1946	98.9944
224.70		0.2247	99.3489
259.50		0.2595	99.5677
299.60		0.2996	99.6730
346.00		0.3460	99.7930
399.50		0.3995	99.8711
461.40		0.4614	99.9190