



Sample ID:	S1, L1 = 50.5 mm
Equipment:	Low (LF) airflow resistivity meter (AFR Mecanum's System)
Reference:	Standard ISO 9053 (direct method)
Test by:	
	Date:

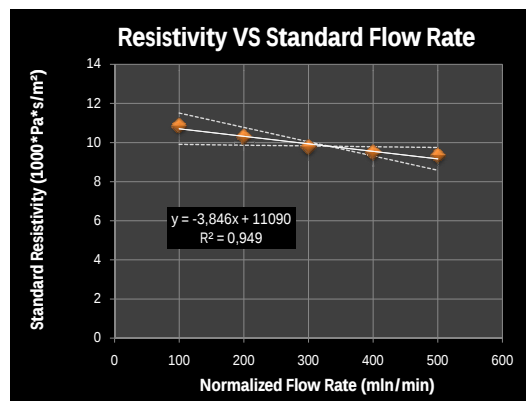
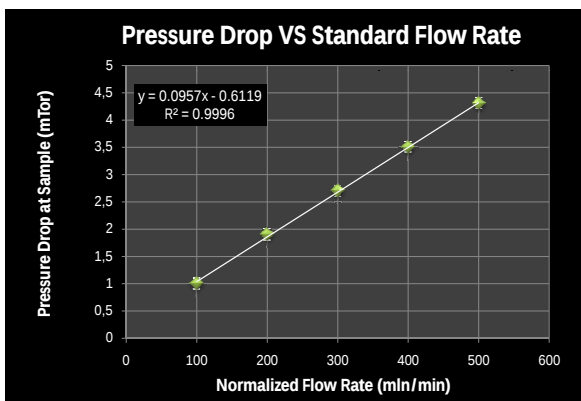
Test Conditions	
Sample Thickness (mm):	
Reference Diameter (mm):	100
Test Diameter (mm):	100
Temperature (°C):	21.8
Barometric Pressure (Pa):	98 310
Relative Humidity (%):	21.7
Error on Pressure Reading (+/- mTor)	0.1

Measurement Flow Rate at	
205,2	mlm/min
235,6	ACCM

Standard Conditions	
Temperature (°C):	20
Barometric Pressure (Pa):	101 325
Relative Humidity (%):	0

Final MFC reading mln/min	Thickness (mm)	DP @ Sample mTor	Actual Volume Flow Rate (ACCM)	Actual Face Velocity (mm/s)	Normalized Resistance [norm: Zo]	Airflow Resistivity [Pa*s/m²]	Error on Std Airflow/Resistivity (±) [sPa*s/m²]
100,0	50,50	1,000	114,8	0,24	1,37	10 835	1 084
200,0	50,50	1,900	229,6	0,49	1,30	10 293	542
300,0	50,50	2,700	344,5	0,73	1,23	9 752	361
400,0	50,50	3,500	459,3	0,97	1,20	9 481	271
500,0	50,50	4,300	574,1	1,22	1,18	9 318	217
Mean ± StdDev :				0,53	mln/min	9 936	624

If same Flow Rate is used for the different tests, use the Mean and Std values on line 31



Resistance is normalized by air impedance (Zo) at test fluid conditions.
 At test conditions, Zo(Pa*s/m) = 399,4

Standard Static Airflow Resistivity @ 0.5 mm/s (Pa*s/m²):	10 300
95% confidence interval (Pa*s/m²): ±	437