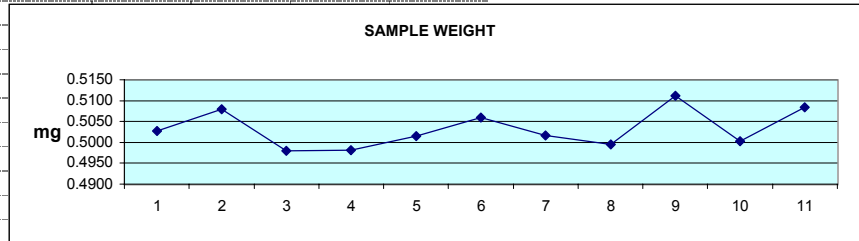


Customer							
Material	Toner 5750		Est. Bulk Density	0.5 EST.		Date	May15,2002
Desired Sample size	.5 gm to 2 gm					rh	50%
Desired accuracy	1.0% Repeatability of samples				Pipette Size	.500 dia. PIPETE	

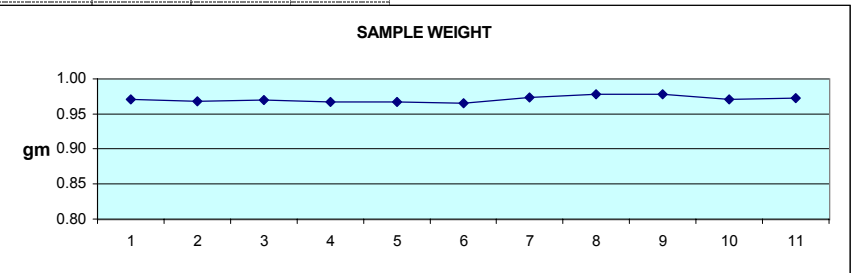
	Sample weight	Control unit settings	
Micrometer setting	gm	Vacuum (1in hg)	Air (psi)
		5	2

.375 dia.	
3.25	0.5028
	0.5080
	0.4979
	0.4982
	0.5015
	0.5060
	0.5016
	0.4995
	0.5111
	0.5002
	0.5084



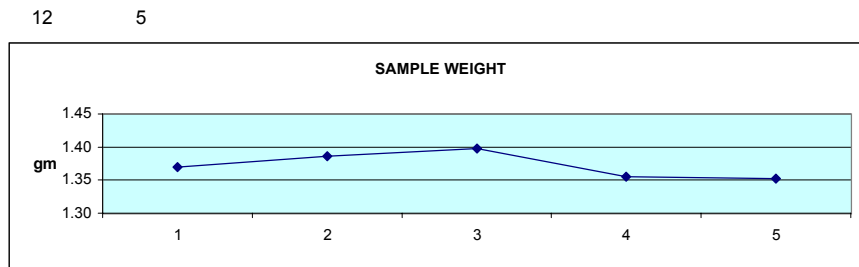
0.5032 Av
0.5032 Mean
0.0045 Std Dev

.375 dia.	
8.5	0.9600
	0.9704
	0.9683
	0.9699
	0.9669
	0.9667
	0.9655
	0.9734
	0.9782
	0.9784
	0.9704
	0.9723



0.9700 Av
0.9700 Mean
0.0052 Std Dev

.375 dia.	
13.0	1.37
	1.39
	1.40
	1.36
	1.35



1.37 Av
1.37 Mean
0.0197 Std Dev

Testing discontinued at 5 samples. Filter occluded due to fine particulate size. Over 200 samples

[]

had been taken at various settings to characterize the powder before taking data.

Need 10 micron filter as particle size was very small.

2 gram sample size will require .500 dia pipette.

Notes:

Samples tended to pack using the scraper. Changes the tap density .

Suggest sharp edge or wire to level tip end for small samples.

Larger samples were more uniform using the scraper plate.

Scraper did not affect Tap Density as much due to the larger sample volume.

--	--	--