



CentriFlow®

Material Test Report

Kaolin Clay (Emery #1)



CentriFlow®

Date Tested:	July 19, 2000	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	100 microns
Test Location:	Eastern Instruments	Flowability:	Very High
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	None
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	40 lb/ft³
Feed System:	Screw Conveyor	Inhibit Setting:	0.100 Volts



Picture Not Available

Test #1	Percent of Volumetric Capacity = 50%									
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error					
1	25.18	25.10	0.997	-0.080	-0.32%					
2	25.48	25.39	0.996	-0.090	-0.35%					
3	27.06	27.02	0.999	-0.040	-0.15%					
4	24.22	24.16	0.998	-0.060	-0.25%					
5	26.50	26.49	1.000	-0.010	-0.04%					
Average:			0.9978							
STD:			0.0013							
% STD:			0.13%							
Additional Comments: Tested using a 6" CentriFlow® Type II Meter equipped with Vibraweight®. The run time was 10 seconds per batch.										

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within ±0.25% of reading when operating within ± 10% of the calibrated flow rate, as long as the flow rate is within the operational range of the meter."