



E A S T E R N I N S T R U M E N T S



CentriFlow®

Material Test Report

High Moisture Kaolin Clay



CentriFlow®

Date Tested:	June 12, 2000	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	100 microns
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft ³ /min	Density (lb/ft ³):	60 lb/ft ³
Feed System:	Screw Conveyor	Inhibit Setting:	0.200 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 Vibraweigh®. The run time was 10 seconds per batch.									

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within $\pm 0.50\%$ of reading when operating within $\pm 10\%$ of the calibrated flow rate, as long as the flow rate is within the operational range of the meter."