



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



CentriFlow®

Material Test Report

Cleaned Plastic Flake



CentriFlow®

| | | | |
|-----------------|---------------------------|--------------------------------|------------------------|
| Date Tested: | January 11, 2008 | Temperature: | Ambient (78°F/25.6°C) |
| Technician: | Scott Tupper | Particle Size: | 1/16" up to 3/4" |
| 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): | 18 lbs/ft ³ |
| Feed System: | Screw Feeder | Inhibit Setting: | 0.200 Volts |



| Test #1 | Mass Flow Rate = 8,000 lb/hr | | | Percent of Volumetric Capacity = 127% | | |
|--|------------------------------|----------------|----------------|---------------------------------------|---------|--|
| Run # | Actual Weight | Metered Weight | Actual/Metered | Delta Weight | % Error | |
| 1 | 23.42 | 23.40 | 1.001 | -0.02 | -0.09% | |
| 2 | 23.42 | 23.38 | 1.002 | -0.04 | -0.17% | |
| 3 | 22.44 | 22.38 | 1.003 | -0.06 | -0.27% | |
| 4 | 23.14 | 23.15 | 1.000 | 0.01 | 0.04% | |
| 5 | 21.78 | 21.80 | 0.999 | 0.02 | 0.09% | |
| Average: | | | 1.001 | | | |
| STD: | | | 0.00149 | | | |
| % STD: | | | 0.15% | | | |
| Additional Comments: Tested using a 6" CentriFlow® Type II Meter equipped with NP3 coated Flow Surfaces and Vibraweigh®. | | | | | | |

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."