

## PRODUCT INFORMATION SHEET

**BENCHMARK: MUSLIN AND FLANNEL - Testing eight fabric samples (2 weights of cotton Muslin & 4 weights of cotton Flannel, samples tested in washed and unwashed state)**

### TEST 1: Oddy

An Oddy style test was conducted on eight fabric samples that represent four different materials. The test procedure was as follows: Each sample was enclosed in a glass vial with blanks of polished lead, silver and copper. Half of each sample was placed beneath the blanks so that the affect of direct contact as well as volatile contaminants could be assessed. Moist cotton was placed in each vial, which was then sealed and exposed to 60°C for 30 days. A control vial was prepared as above, but without a fabric sample, and exposed to the same conditions.

Day	Sample	Observation
1-30	Sample 1 200 muslin	No change in test blanks.
1-30	Sample 2	No change in test blanks.
1-30	Sample 3	No change in test blanks.
1-30	Sample 4 4 oz flannel	No change in test blanks.
1-30	Sample 5 68 muslin	No change in test blanks.
1-30	Sample 6	No change in test blanks.
1-30	Sample 7 discontinued flannel	No change in test blanks.
1-35	Sample 8 6 oz single-napped flannel	No change in test blanks. Sample was colorfast (This sample was tested after the other 7)

### INTERPRETATION OF RESULTS:

None of the fabrics caused any change in the test blanks. Based on this test, the four fabrics appear to be appropriate for use in exhibitions. As a precaution, it is recommended that the fabric be washed in hot water prior to use.

Requested by Benchmark, Rosemont, N.J. 08556