# WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS MATERIALS CONTROL, SOILS AND TESTING DIVISION MATERIALS PROCEDURE 

## PERCENT OF SOLIDS IN THE LATEX USED IN LATEX MODIFIED COMPOSITIONS

### 1.0 PURPOSE

1.1 To set forth a procedure for determining the solids content of the latex for use in latex modified compositions.

SCOPE
This procedure shall be used to determine the solids content of all latex materials used in latex modified compositions.

EQUIPMENT
Aluminum weighing dishes (approximately six centimeters in diameter and two centimeters deep), Fisher 8-732 or equivalent.

Glass vials with cork stoppers, (one dram capacity), Owens-Illinois 60900 or equivalent.

Analytical balance (accurate to 0.1 milligram)
PROCEDURE
Weigh three aluminum dishes individually to 0.1 milligram. This is weight A . Mix sample thoroughly.

Place sample into three vials, fill to approximately $2 / 3$ of capacity, stopper immediately.

Weigh each vial and stopper. This is weight $B$.
4.5
5.4 The solids content of the sample is the average of the three tests.
5.5 If the range of the three tests exceeds 1.00 percent, repeat the test procedure.


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