

## *Evaluating Ramsons VCI film*

**Background:** A Ramsons VCI film was submitted for corrosion testing.

**Purpose:** Evaluate the corrosion inhibition performance of submitted film

**Method:** Razor Blade Test  
VIA Test  
SO<sub>2</sub> Test

**Materials:** Razor Blade Test Kit  
VIA Test Kit  
SO<sub>2</sub> Test Kit  
Submitted Ramsons VCI film (3 mil)

**Procedure:** The above tests were performed according to standard procedures for each.

**Results:**

### Razor Blade Test

Material	Panel #1	Panel #2	Panel #3
Ramson VCI film	Fail	Fail	Fail
Control	Fail	Fail	Fail

### VIA Test

Material	Plug #1	Plug #2	Plug #3
Ramson VCI film	Grade 0	Grade 0	Grade 0
Control	Fail	Fail	Fail

### SO<sub>2</sub> Test

Material	Panel #1	Panel #2	Panel #3
Ramson VCI film	Grade 1	Grade 1	Grade 1
Control	Fail	Fail	Fail

**Conclusion:**

Submitted Ramson VCI film fails to provide sufficient corrosion inhibition. Submitted Ramson VCI film looks to contain low density polyethylene and very small, if any, amount of inhibitor.



