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## *Evaluating Vapro film*

**Background:** The Customer submitted Vapro film to Cortec Corporation. No details about the film are given.

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

**Method:** Razor Blade Test  
VIA Test

**Materials:** Razor Blade Test Kit  
VIA Test Kit  
Vapro film (8 mil)

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

**Results:**

Razor Blade Test

Material	Panel #1	Panel #2	Panel #3
Vapro film	Fail	Pass	Pass
Cortec VpCI-126 film*	Pass	Pass	Pass
Control	Fail	Fail	Fail

\*Typical results for Cortec VpCI-126 film

VIA Test

Material	Panel #1	Panel #2	Panel #3
Submitted film	Grade 1	Grade 1	Grade 1
Cortec VpCI-126 film*	Grade 3	Grade 3	Grade 3
Control	Fail	Fail	Fail

\*Typical results for Cortec VpCI-126 film

Note: Barrier testing was not performed, due to insufficient amount of submitted film.

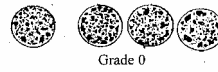
**Conclusion:** Vapro film, fails to provide adequate corrosion inhibition. In addition to low density polyethylene, film possibly contains benzoates.

**Project #:** 04-162-1125



**VIA Test Grades (Grade 2 or 3 are passing)**

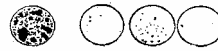
- Grade 0: Blind test  
No corrosion inhibiting effect
- Grade 1: Blind test  
Minute corrosion inhibiting effect
- Grade 2: Blind test  
Medium corrosion inhibiting effect
- Grade 3: Blind test  
Good corrosion inhibiting effect



Grade 0



Grade 1



Grade 2



Grade 3

