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Evaluation of Zerust ICT Plastabs

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Background: Customer submitted yellow chips and requested that they be evaluated and compared to VpCI-130 series foam and Cortec paper.

Sample Received: Zerust ICT Plastabs, received 03-28-11, good condition

Method:

- 1) VIA Test CC-027
- 2) Razor Blade Test CC-004

Materials:

- 1) Razor Blade Test Kit
- 2) VIA Test Kit
- 3) VpCI-144 Lot# 190451
- 4) VpCI-130 Series Foam Lot# 09490

Procedure: All tests were run according to their standard procedures. The razor blade tests were not run on the VpCI-130 series foam because it is so absorbent that it does not work well for the razor blade test.

Results:

Razor Blade Test-Carbon Steel Panels

Sample	Panel 1	Panel 2	Panel 3
Zerust ICT Plastabs	Fail	Fail	Fail
VpCI-144	Pass	Pass	Pass
Control	Fail	-	-

Razor Blade Test -Copper Panels

Sample	Panel 1	Panel 2	Panel 3
Zerust ICT Plastabs	Fail	Fail	Fail
VpCI-144	Pass	Pass	Pass
Control	Fail	-	-

VIA Test




Sample	Plug #1	Plug #2	Plug #3
Zerust ICT Plastabs	Grade 1	Grade 2	Grade 3
VpCI-144 Paper	Grade 3	Grade 3	Grade 3
VpCI-130 Series Foam	Grade 3	Grade 3	Grade 2
Control	Grade 0	-	-

Note: The VIA grading system is attached to the end of the report

Interpretations:

1. Based on the test results, the Zerust ICT Plastabs did not provide contact or vapor-phase corrosion inhibition.
2. The test results determined that the VpCI-130 series foam and the VpCI-144 paper provided sufficient corrosion protection.

VIA Test Grades, Grades 2 and 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	