

PURAFIL ENVIRONMENTAL CORROSION REPORT

02-Jun-2010

Company: 110290

Sales Order #: C002697
 CCC Panel #: P67970
 Date In: 05-May-2010
 Date Out: 20-May-2010
 Days In Service: 15

Room Area ID:
 Reference #:



DO NOT TOUCH METAL COUPON

Corrosion Classification Coupon	
Company	110290
Address	
Room/Area I.D.	
Date In	Time In: a.m. p.m.
Date Out	Time Out: a.m. p.m.
Coupon # <i>67970</i>	Tracking # <i>02697</i>
Serial #	
<input type="checkbox"/> Industrial <input type="checkbox"/> ERM <input type="checkbox"/> Preservation <input type="checkbox"/> CIF	
	
2654 Weaver Way • Doraville, Georgia 30340 Ph: (770) 662-8545 • (800) 222-6367 Fx: (770) 263-6922 • www.purafil.com	

CCC Panel # P67970
ISA Class GX Severe
Copper Corrosion 3851 Å/30 Days
Silver Corrosion 3068 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P67970

The electrolytic reduction analysis on Corrosion Classification Coupon #P67970 shows the presence of extremely high concentrations of contaminants and the possibility of high/variable humidity in the environment tested. The hydrogen sulfide level is expected to be in excess of 50 ppb and the sulfur dioxide level should be greater than 300 ppb. Electronic/electrical equipment is not expected to survive in this environment due to corrosive attack.

Your local representative for additional information and assistance is:
 Environmental Health and Eng
 117 Fourth Avenue, Needham MA 02494, USA
 tminegishi@eheinc.com

Purafil, Inc. / 2654 Weaver Way, Doraville GA 30340 USA / (770) 662-8545 / (770) 263-6922
 Email: purafil@purafil.com / Internet: http://www.purafil.com

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PURAFIL CCC # P67970 Analysis Results

Corrosion Film Composition				Gold Coupon - Magnified 20x
	Projections			
	30 Days	1 Year	5 Year	
Copper Films				
Cu ₂ S	2766 Å	6825 Å	15262 Å	
Cu ₂ O	1085 Å	2677 Å	5987 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	3851 Å	9502 Å	21249 Å	
Silver Films				
AgCl	0 Å	0 Å	0 Å	
Ag ₂ S	3068 Å	37352 Å	186760 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	3068 Å	37352 Å	186760 Å	

Gold Pore Corrosion:
Note: 1000 Å = 0.1 micron

