CCC - P68744

## PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

Company:	120259	19-Jan-2011
Room/Area ID: Reference #:		
here.		
	C	
DO NOT TO		
DUNUTIO	UCH METAL COUPON	
Corrosion	Classification Coupon	
	0259	
Address		
Room/Area I.D.	£25	
Date In 11 29 10	Time In: a.m.) 95 p.m.	
Date Out 12/3 10	11 1000	
Coupon 6819	Tracking # 0 0 106	
Serial #		
Industrial	ERM Preservation CIF	
PURAFIC First_Inclean air	2654 Weaver Way + Doraville, Georgia 30340 Ph: (770) 662-8545 + (800) 222-6367 Fx: (770) 263-6922 + www.purafil.com	
The second se	13	

CCC Panel #: Date In: Date Out:	P68744 29-Nov-2010 13-Dec-2010				
Days In Service:	14				
CCC Panel # P68744					
ISA Class G3					

Harsh

**Copper Corrosion** 1042 Å/30 Days

Silver Corrosion 380 Å/30 Days

(see next page for complete analysis)

## for PURAFIL CCC # P68744

The electrolytic reduction analysis on Corrosion Classification Coupon #P68744 shows the presence of high concentrations of contaminants and high/variable humidity in the environment tested. The hydrogen sulfide level is expected to range between 10 and 50 ppb, sulfur dioxide between 100 and 300 ppb, and chlorine between 2 and 10 ppb. The presence of moisture and small amounts of inorganic chlorine compounds greatly accelerates sulfide corrosion. There is a high probability that equipment reliability will be adversely affected due to corrosive attack.

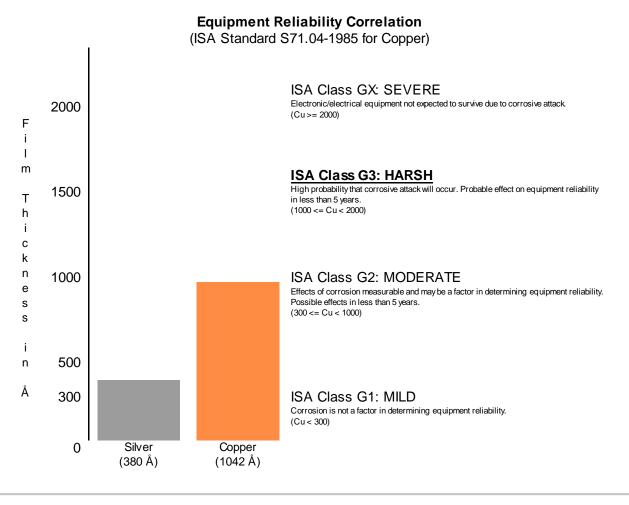
> Your local representative for additional information and assistance is: Environmental Health and Eng 117 Fourth Avenue, Needham MA 02494, USA tminegishi@eheinc.com

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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## CCC - P68744 PURAFIL CCC # P68744 Analysis Results

	Corrosion Film Compo	Gold Coupon - Magnified 20x		
	<u>30 Days</u>	<u>1 Year</u>	<u>5 Year</u>	
Copper Films				
Cu <sub>2</sub> S	0 Å	0 Å	0 Å	
Cu <sub>2</sub> O	280 Å	978 Å	2187 Å	
Unknow ns	762 Å	2658 Å	5944 Å	
Totals	1042 Å	3636 Å	8131 Å	
Silver Films				
AgCl	62 Å	757 Å	3785 Å	
Ag <sub>2</sub> S	180 Å	2196 Å	10981 Å	
Unknow ns	138 Å	1680 Å	8402 Å	
Totals	380 Å	4633 Å	23168 Å	



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