## CCC - P68768

## PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

	18-Jan-2011		
<b>Company:</b> 120272	S	Sales Order #:	C002726
	C	CCC Panel #:	P68768
	Γ	Date In:	29-Nov-2010
Room/Area ID:	Γ	Date Out:	13-Dec-2010
Reference #:	Ľ	Days In Service	: 14
0		ISA (	el # P68768 Class G1 <sup>Viild</sup>
			<b>Corrosion</b> /30 Days
		Silver	Corrosion
DO NOT TOUCH METAL COUPON			/30 Days
Corrosion Classification Coupon			ge for complete alysis)
Room/Area I.D.			
Date In $1/29$ 10 Time In: a.m. $17^{\circ\circ}_{p.m.}$ Date Out $12/3$ 10 Time Out: a.m. $15^{3\circ}_{p.m.}$			
Coupon #68768 Tracking # 02726			
Serial #			
Industrial ERM Preservation CIF			
PURAFIL: First_inclean air			
Summary	ofor PURAFIL CCC # P68768		

The electrolytic reduction analysis on Corrosion Classification Coupon #P68768 shows the presence of only very low concentrations of contaminants in the environment tested. The hydrogen sulfide level is not expected to exceed 3 ppb and the sulfur dioxide level should be less than 10 ppb. During the test period, corrosion, as shown by the copper coupon, is not a factor in determining equipment reliability.

Please note: Copper's reactivity is sensitive to temperature and relative humidity and can therefore exhibit seasonal variation. For example, below 30% relative humidity (typical for heated indoor air in winter), copper readings will be dramatically reduced. However, silver's reactivity is not affected by temperature and relative humidity. Due to the elevated level of film growth on the silver coupon, corrosion may be a factor in determining equipment reliability; continued monitoring is recommended.

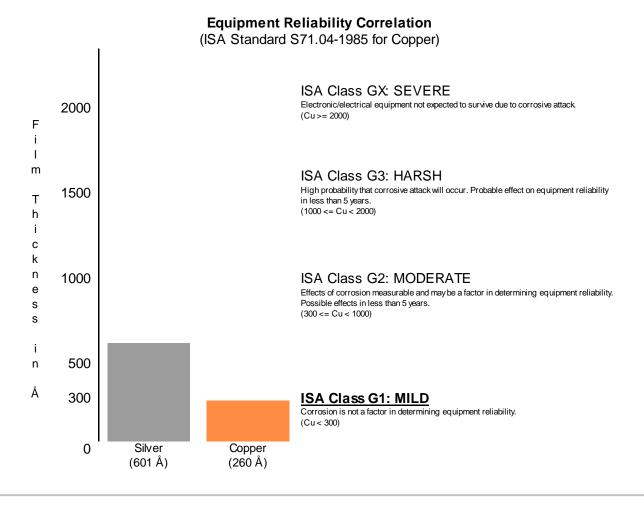
> Your local representative for additional information and assistance is: Environmental Health and Eng 117 Fourth Avenue, Needham MA 02494, USA tminegishi@eheinc.com

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 - P68768 PURAFIL CCC # P68768 Analysis Results

	Corrosion Film Composition Projections			Gold Coupon - Magnified 20x
	30 Days	<u>1 Year</u>	5 Year	
Copper Films		•	0	
Cu <sub>2</sub> S	201 Å	268 Å	351 Å	
Cu <sub>2</sub> O	59 Å	79 Å	103 Å	
Unknow ns	0 Å	0 Å	0 Å	
Totals	260 Å	347 Å	454 Å	
liver Films				
AgCl	0 Å	0 Å	0 Å	
Ag <sub>2</sub> S	601 Å	7321 Å	36604 Å	
Unknow ns	0 Å	0 Å	0 Å	
Totals	601 Å	7321 Å	36604 Å	



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