PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

28-May-2010

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	OUCH METAL COUPON on Classification Coupon
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Corrosi Company Address Room/Area I.D.	on Classification Coupon
Company Address Room/Area I.D. Date In	on Classification Coupon 110538 Time In: a.m. p.m.
Company Address Room/Area I.D. Date In Date Out	on Classification Coupon 110538 Time In: a.m. Time Out: a.m. Time Out: a.m.
Company Address Room/Area I.D. Date In Date Out Coupon # 67	on Classification Coupon 110538 Time In: a.m. p.m.
Company Address Room/Area I.D. Date In Date Out	on Classification Coupon 110538 Time In: a.m. Time Out: a.m. Time Out: a.m.

Sales Order #:	C002682				
CCC Panel #:	P67426				
Date In:	08-May-2010				
Date Out:	20-May-2010				
Days In Service:	12				
CCC Panel # P67426					
ISA Class G1					
Mild					
Copper Corrosion					
156 Å/30 Days					
Silver Corrosion					
325 Å/30 Days					
(see next page fo	r complete analysis)				

Summary for PURAFIL CCC # P67426

The electrolytic reduction analysis on Corrosion Classification Coupon #P67426 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.

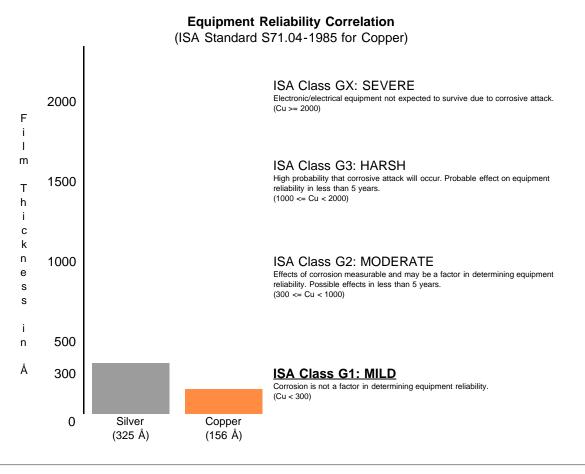
> Your local representative for additional information and assistance is: Environmental Health and Eng 117 Fourth Avenue, Needham MA 02494, USA tminegishi@eheinc.com

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

Displaying Page 1 Display Page 2

PURAFIL CCC # P67426 Analysis Results

	Gold Coupon - Magnified 20x			
	<u>30 Days</u>	rojections <u>1 Year</u>	<u>5 Year</u>	204
Copper Films			<u>,</u>	
Cu ₂ S	0 Å	0 Å	0 Å	
Cu ₂ O	156 Å	203 Å	266 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	156 Å	203 Å	266 Å	
Silver Films				
AgCl	0 Å	0 Å	0 Å	
Ag ₂ S	215 Å	2619 Å	13096 Å	
Unknowns	110 Å	1340 Å	6698 Å	
Totals	325 Å	3959 Å	19794 Å	
Gold Pore Corrosion: Note: 1000 Å = 0.1 micron				



Displaying Page 2

Display Page 1