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PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

10-Nov-2010

Company: 118500

Room/Area ID: Reference #:



 Sales Order #:
 C002726

 CCC Panel #:
 P68838

 Date In:
 04-Oct-2010

 Date Out:
 19-Oct-2010

Days In Service: 15

CCC Panel # P68838

ISA Class G2 Moderate

Copper Corrosion 461 Å/30 Days

Silver Corrosion 610 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P68838

The electrolytic reduction analysis on Corrosion Classification Coupon #P68838 shows the presence of moderate concentrations of contaminants in the environment tested. The hydrogen sulfide level is expected to range between 3 and 10 ppb, sulfur dioxide between 10 and 100 ppb, and chlorine between 1 and 2 ppb. The effects of corrosion are measurable and may be a factor in determining equipment reliability.

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

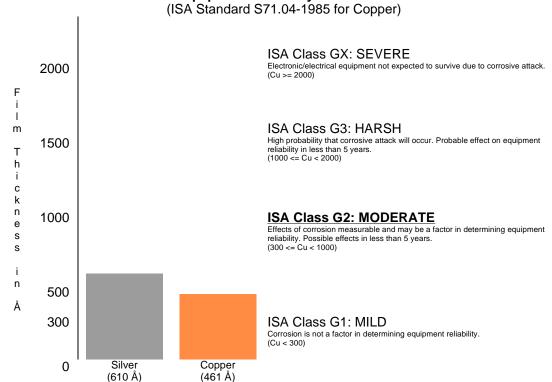
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PURAFIL CCC # P68838 Analysis Results

Corrosion Film Composition Projections				Gold Coupon - Magnified 20x
	30 Days	1 Year	5 Year	magimica zox
Copper Films				
Cu ₂ S	0 Å	0 Å	0 Å	
Cu ₂ O	277 Å	568 Å	972 Å	
Unknowns	184 Å	377 Å	645 Å	
Totals	461 Å	945 Å	1617 Å	
Silver Films				
AgCl	58 Å	707 Å	3533 Å	
Ag ₂ S	552 Å	6719 Å	33594 Å	
Unknowns	o Å	0 Å	0 Å	
Totals	610 Å	7426 Å	37127 Å	
Gold Pore Corrosion: Note: 1000 Å = 0.1 micron				

Equipment Reliability Correlation



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