



November 8, 2012

Mr. Edward Hall  
Oxifree Global LLC  
22955 State Highway 249  
Suite 6  
Tomball, TX 77375  
USA

**Intertek PTL # P20123988**

Dear Mr. Hall:

Enclosed you will find results of the testing you requested.

If you have any questions regarding the data, please do not hesitate to contact me.

Sincerely,

James A. Koehler  
Quality Manager

JAK/jc

Enclosures

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Testing : **Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies**

Test Method : ASTM D149-09 Method A, Short-Time Test

Project Number : P20123988

Customer : Oxifree Global LLC

Attention : Edward Hall

Analyst : Frank Foy

Date : November 7, 2012



Rate of Rise : 2000 Volts/sec

Voltage Type : AC

Sample Preparation : Tested as received

Sample Conditioning : 40+ Hours at 23°C ± 2°C / 50% ± 10% RH

Electrode Size : 1.0" diameter

Surrounding Medium : Air

Test Specimen Type : 4" x 4" plaque

Test Conditions : 23°C ± 2°C / 50% ± 10% RH

Sample ID	Test Number	Failure Location On Electrode	Thickness (in)	Breakdown Voltage (kV)	Dielectric Strength (V/mil)
<b>Dry Film Sample of Oxifree TM198 metal protection coating</b>	1	Outside	0.178	59.9	337
	2	Outside	0.159	47.9	301
	3	Outside	0.159	52.8	332
	4	Edge	0.151	53.5	354
	5	Edge	0.146	54.3	372
	Average		0.159	53.7	<b>339</b>
	Std.Dev.		0.012	4.3	26

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