

# Test Report

Report Code AR-19-XW-012250-02



Sample No 379-2019-09001012

Report Date 09.10.2019

## Sample Photo





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Sample No 379-2019-09001012

Report Date 09.10.2019

**APPLICANT** : Infinite Electrotech Pvt Ltd  
**CONTACT PERSON** : Dr Ramakrishnan R  
**ADDRESS** : No.100 Kuthambakkam Road,Chettipedu, Tamilnadu  
 Pin 602 105

### Sample Not Drawn By Eurofins Product Testing India Pvt. Ltd.

**Sample Description** : Ultrasafe ZoGem- Nanocarbon based material  
**Buyer Name** : -  
**Brand** : Ultrasafe Zogem Powerset  
**Buying House** : -  
**Article No.** : -  
**Fiber Content** : -  
**Style** : -  
**Colour Name** : Dark Grey  
**PO No.** : -  
**End Use** : Earth Enhancement compound  
**Country of Origin** : India  
**Country of Destination** : India (Chennai,Tamilnadu)  
**Sample Receiving Date** : 19 Sep 2019  
**Testing Period** : 19 Sep 2019 to 04 Oct 2019  
**Delivery Condition** : Sample received in good condition  
**Applicant's Provided Care Instruction /label** : -

For and on behalf of  
 Eurofins Product Testing India Pvt. Ltd

*Amit Saluja*

**Amit Saluja**  
**Quality Manager – Laboratory**

Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Products Testing Pvt. Ltd. Ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to [narenderarya@eurofins.com](mailto:narenderarya@eurofins.com) and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission Eurofins Products Testing Pvt. Ltd.


**Conclusion:**

Test Property	Pass	Fail	Remarks
Corrosion Analysis	X		

**Remark:** Testing has been performed as per applicant request

This Report cancels and supersedes the Report No. AR-19-XW-012250-01 dated 04 October, 2019 issued by Eurofins Product Testing India". The test report no. AR-19-XW-012250-01 dated 04 October, 2019 has been revised to update applicant address as per customer request.

**Note:**

If there is question or concern regarding the above results, please contact the appropriate lab person below:

**Amit Saluja**

[amitsaluja@eurofins.com](mailto:amitsaluja@eurofins.com)

Or

**Narender Arya**

General Manager (India Business)

[narenderarya@eurofins.com](mailto:narenderarya@eurofins.com)

*The testing lab overall rating is provided to client as an aid in reviewing report data. The rating is based on lab results. Final product acceptance or rejection is per client only. Testing of vendor's merchandise by client is not a substitute for vendor's own testing and other quality assurance related obligations in connection with its sale of merchandise to client. Client testing shall not limit client's rights, or diminish or remove any of vendor's responsibilities.*



## Component List:

Sample No	Component	Material Description	Color	Remarks
001	Ultrasafe ZoGem- Nanocarbon based material	-	DARK Grey	

## Corrosion Analysis\*

IEC 62561-7:2018, ASTM G 59-97 &amp; ASTM G 5

SR.NO.	TEST PARAMETERS	REQUIREMENTS AS PER IEC 62561-7	RESULTS
1.	<b>Polarization resistance</b> (At Non-Aggressive Environment)  <u>Test Condition:</u> > Copper plated earth electrode > At non aggressive environments and applied voltage 25 mV	4 $\Omega$ .m <sup>2</sup> (min)	5.21 $\Omega$ .m <sup>2</sup>
	<b>Polarization resistance</b> (At Non-Aggressive Environment)  <u>Test Condition:</u> > Galvanized earth electrode > At non aggressive environments and applied voltage 20 mV	3 $\Omega$ .m <sup>2</sup> (min)	4.87 $\Omega$ .m <sup>2</sup>
	<b>Polarization resistance</b> (At Aggressive Environment)  <u>Test Condition:</u> > Copper plated earth electrode > At aggressive environments and applied voltage 50 mV	8 $\Omega$ .m <sup>2</sup> (min)	9.91 $\Omega$ .m <sup>2</sup>
	<b>Polarization resistance</b> (At Aggressive Environment)  <u>Test Condition:</u> > Galvanized earth electrode > At aggressive environments and applied voltage 50 mV	7.6 $\Omega$ .m <sup>2</sup> (min)	8.57 $\Omega$ .m <sup>2</sup>

**Conformity:** Sample meets the requirement given in the specification as per IEC 62561-7:2018

\*Note: - Above tests has been subcontracted with Eurofins approved lab.

\*\*\*\*\*End of Report\*\*\*\*\*