

## EnvirAnode® Technical Specifications

### Physical Properties:

Property	Typical Value	Unit	Test Method
Physical State	Black Solid		
Odor	None		
Dimensions	4 x 72	Inches (diameter x length)	
Wire Insulation	Kynar/HMWPE		
Minimum Bend Radius of Wire	1.25	Inches	
Surround Density	1150 1.15 71.79	kg/m <sup>3</sup> g/cm <sup>3</sup> lbs/ft <sup>3</sup>	SAE Inc. Standard 104
Water Absorption	10	%	SAE Inc. Standard 101
Water Permeability	1.72 x 10 <sup>-7</sup>	cm/sec	ASTM 5084 (2.6 psi)
Flammability	No ignition		Exposed to a propane torch (~2000 °C) for 60 seconds
Environmental Impact	Neutral		Ontario Regulation 558/00 (Leachate Testing)
Carbon Consumption Rate	0.2	kg/amp-year	SAE Inc. Standard 111

### Electrical Properties:

Property	Typical Value	Unit	Test Method
Anode Rating	5	A	
Resistance	0.031	Ω	SAE Inc. Standard 105
Resistivity	30.39	Ω·cm	SAE Inc. Standard 105

## Leachate (TCLP) Results:

Leachate Data (TCLP Procedure) based on Regulation 558 performed by Testmark Laboratories Ltd.

Constituent	EnviroAnode® TCLP Concentration (mg/L)	USEPA Maximum Contaminant Level (mg/L)
<b>Arsenic</b>	< 0.010	0.010
<b>Barium</b>	1.490	2.000
<b>Boron</b>	1.067	2.000 <sup>†</sup>
<b>Chromium</b>	0.026	0.100
<b>Mercury</b>	< 0.001	0.002
<b>Selenium</b>	0.013	0.050
<b>Silver</b>	< 0.01	0.100*
<b>Uranium</b>	< 0.01	0.030
<b>Fluoride</b>	0.190	2.000*
<b>Nitrate (as Nitrogen)</b>	< 0.01	10.000
<b>Nitrite (as Nitrogen)</b>	< 0.05	1.000
<b>Cyanide</b>	< 0.05	0.200

† No MCL established; value shown is USEPA's Lifetime Drinking Water Health Advisory.

\* No MCL established; value shown is USEPA's secondary drinking water standard.

Note: < denotes less than method detection limit (MDL).

Updated: June 26, 2018