

Betelguard MMO Titanium Wire Anode



Betelguard MMO wire anode consists of solid titanium wire coated with high quality mixed metal oxide (MMO) coating.

The MMO anodes prefer not only in soil environment but also in chloride electrolyte, such as seawater and brackish water. The MMO coating consumes at negligible amount (less than 1.0 mg/amp-year).

By adjusting the MMO coating thickness, the anode life can be extended by any design specifications.

Anode Performance:

MMO Coating:
Anode Life:

Iridium Oxide Base
Min. 30 years

Max. Current Output in Coke

1000 mm long		1 foot long	
1.5 mm	3 mm	1/16 inches	1/8 inches
0.47 amp	0.94 amp	0.15amp	0.3 amp

Linear Electrical Resistance

Resistance (ohm per meter)		Resistance (ohm per foot)	
1.5 mm	3.0 mm	1/16"	1/8"
0.0188	0.0034	0.0057	0.001

Maximum Wire Current Amperage Through Titanium Wire

Temperature	Wire Diameter			
	1.5 mm	3.0 mm	1/16"	1/8"
At 25°C	21 amps	36 amps	22 amps	38 amps
At 70°C	7 amps	7 amps	7 amps	7 amps