

"Anode Rod"

Property			Unit	Acceptable Value	Test Method
Aluminum alloy				EC Grade 6101A	
Si			wt %	0.3-0.7	ASTM –E1251
Fe			wt %	0.40 Max	ASTM –E1251
Cu			wt %	0.10 Max	ASTM –E1251
Mn			wt %	0.03 Max	ASTM –E1251
Mg			wt %	0.40-0.80	ASTM –E1251
Cr			wt %	0.03 Max	ASTM –E1251
Zn			wt %	0.10 Max	ASTM –E1251
B			wt %	0.06 Max	ASTM –E1251
Others (each)			wt %	0.03 Max	ASTM –E1251
Others (total)			wt %	0.10 Max	ASTM –E1251
Al			wt %	Remained	ASTM –E1251
Electrical Resistivity			nΩm	30 Max	
Tensile Strength			MPa	221	
Yield strength			MPa	193	
Weight			Kg	85-90	
Hardness with 500kg load 10mm diameter Ball			HB	71-73	
Dimensions	Length		mm	1841+5	
	Width			200±1	
	Thickness	Machined		88.5-91	
		Unmachined		94-96	
	Hole Diameter			49-51	
Note : Inland road transportation: By flatbed trailer. *Corrosion inhibitor to be applied on machined surface.					

