

### Chemical composition of magnesium anodes (wt%)

Anode Type	Al	Zn	Mn	Mg	Fe	Ni	Cu	Si	Others	
									Single	Total
Low Potential (AZ31)	2.5-3.5	0.7-1.3	0.2-1.0	Balance	≤0.003	≤0.002	≤0.01	≤0.08	≤0.05	≤0.30
Low Potential (AZ63)	5.3-6.7	2.5-3.5	0.15-0.6	Balance	≤0.003	≤0.001	≤0.01	≤0.08	-	≤0.30
High Potential (Mg-Mn)	≤0.01	-	0.5-1.3	Balance	≤0.01	≤0.001	≤0.01	≤0.08	≤0.05	≤0.30

### Electrochemical property of magnesium anodes

Anode Type	Open-Circuit Voltage -V (SCE)	Closed-Circuit Voltage -V (SCE)	Actual Capacity A.h/g	Current Efficiency %	Surface Dissolving Pattern
Low Potential (AZ31)	1.57-1.67	1.47-1.57	≥1.21	≥50	Peel off easily; Dissolve evenly
Low Potential (AZ63)	1.57-1.67	1.52-1.57	≥1.21	≥50	
High Potential (Mg-Mn)	1.77-1.82	1.64-1.69	≥1.10	≥50	

### Chemical composition of aluminum anodes (wt%)

Anode Type	Zn	Sn	Bi	Al	Fe	Ni	Cu	Si	Others	
									Single	Total
ASB	≤0.05	0.10-0.25	0.03-0.2	Balance	≤0.15	≤0.002	≤0.005	≤0.1	≤0.05	≤0.30
AZS	12-15	0.05-0.25	-	Balance	≤0.15	≤0.002	≤0.02	≤0.13	≤0.05	≤0.30

### Electrochemical property of aluminum anodes

Anode Type	Open-Circuit Voltage -V (SCE)	Closed-Circuit Voltage -V (SCE)	Actual Capacity A.h/g	Current Efficiency %	Surface Dissolving Pattern
ASB Aluminum Anode	1.38-1.60	1.35-1.55	≥1.5	≥50	Peel off easily; Dissolve evenly
AZS Aluminum Anode	1.15-1.30	1.08-1.20	≥1.7	≥70	

Professional Manufacturer of Mg anodes and Al anodes for anti-corrosion protection of metal tank applying widely to electric water heater, solar water heater, heat pump and water storage tank etc.

- ◆ Outstanding Performance, overall tank protection
- ◆ Stable quality, over 5 years' long life time
- ◆ Water pollution free, water-softening function
- ◆ State-owned enterprise brand name, first class service

The guardian angel of positive displacement tank



Professionally serve for



2 years after usage



5 years after usage