

TECHNICAL DATA

NORANODE

Noranode is a zinc sacrificial anode alloy designed to meet the demand for a sacrificial zinc anode for use at elevated temperatures.

The chemical composition and performance data of Noranode alloy are as follows:

<u>Elements</u>	<u>Analysis (% by weight)</u>
Al	0,10 – 0,25
Mg	0,05 – 0,15
Cd	max. 0,001
Fe	max. 0,002
Cu	max. 0,001
Pb	max. 0,006
Others (total)	max. 0,10
Zn	Remainder

Specific gravity 7,13 kg/dm³ (theoretically)

Performance data in sea water

	<u>20°C</u>	<u>40°C</u>	<u>60°C</u>	<u>80°C</u>
Capacity (Ah/kg)	780	780	690	690
Consumption rate (kg/A.year)	11,2	11,2	12,7	12,7
Closed circuit potential (volt) vs. Ag/AgCl/sea water)	-1,03	-1,03	-0,97	-0,97

Performance data in sea bottom sediments (mud)

	<u>0-30°C</u>	<u>50°C</u>	<u>85°C</u>
Capacity (Ah/kg)	715	710	430
Consumption rate (kg/A.year)	12,3	12,3	20,4
Closed circuit potential (volt) vs. Ag/AgCl/sea water)	-0,98	-0,95	-0,94