

TECHNICAL DATA

CORAL[®] 'A' **HIGH GRADE**

Al-In-Zn alloy

Chemical composition according to NORSOK specification no. M-503, rev. 2 and certified according to DNV Type Approval program, IOD-90-TAI, November 1982.

The chemical composition and performance data of CORAL[®] 'A' High Grade alloy are as follows:

Elements

Analysis (% by weight)

Zn	3,5 – 5,0
In	0,015 – 0,025
Cu	max. 0,003
Fe	max. 0,09
Si	max. 0,10
Others (each)	max. 0,020
Al	Remainder

Specific gravity

2,78 kg/dm³ (theoretically)

Performance data in ambient sea water

Capacity	2585 Ah/kg
Consumption rate	3,39 kg/A.yr
Closed circuit potential	-1,09 volt v.s. Ag/AgCl/sea water

Performance data in sea bottom sediments (mud)

	<u>0-20°C</u>	<u>40°C</u>	<u>60°C</u>	<u>80°C</u>
Capacity (Ah/kg)	2400	1750	1150	600
Consumption rate (kg/A.yr)	3,65	5,00	7,62	14,6
Closed circuit potential (volt v.s. Ag/AgCl/sea water)	-1,05	-1,03	-1,01	-1,00