

Calcium/Aluminium Master Metal

- Calcium metal can be used in steelmaking to produce high quality and special type steel. The calcium treatment can solve the problem of clogging of caster nozzle in steelmaking and globularise alumina inclusions and consequently improve the transverse properties of the steel.
- Calcium metal can be used in battery industry to produce lead-calcium alloy which is the raw material of the negative plate of VRLA. In other metallurgical industry, calcium acts as deoxidizer and the reducing agent of other chemical composition. In smelting the nonferrous metal, rare-earth metal and other metals which are difficult to be melted.



- As a reducing agent, calcium also can be used to produce some medical intermediate in medical industry.



Technical Data Sheet CAAL: 80/20

Main Elements	
Ca	80±1 %
Al	20±1 %

Impurities	
Mg	Max 0.5 %
Fe	Max 0.05 %
Si	Max 0.05 %
Mn	Max 0.05 %

Other Grades: CAAL 75/25, CAAL 85/15