



## \_Vanadium Aluminum 50 - 54% V GfE Spec. 2000 048

### Application

VAI 50 - 54% V is used as master alloy for the production of titanium alloys

### Production method

GfE two-step process

1<sup>st</sup> step: metallothermic reduction

2<sup>nd</sup> step: vacuum induction melting and casting

### Quality

Material

a) visually inspected during manufacturing

b) x-ray inspected

c) magnetically separated

### Size

0.25 - 6.3 mm

### Packaging

In sealed steel drums

### Chemical Analysis in wt%

V	50 - 54
Al	45 - 49
B	≤0.003
C	≤0.10
Cr	≤0.10
Cu	≤0.05
Fe	≤0.4
Mg	≤0.25
Mn	≤0.05
Mo	≤0.15
Ni	≤0.05
P	≤0.03
Pb	≤0.10
S	≤0.02
Si	≤0.35
W	≤0.015
Y	≤0.003
H	≤0.01
N	≤0.04
O	≤0.1