

**\_Vanadium Aluminum Iron 69:19:12**  
GfE Spec. 2023 224 / 2000 061

**Application**

VAIFe 69:19:12 is used as master alloy for the production of titanium alloys

**Production method**

Metallothermic reduction

**Quality**

Material

- a)visually inspected during manufacturing
- b)magnetically separated

**Size**

0.25 - 3.15 mm (GfE Spec. 2023 224)

0.25 - 6.3 mm (GfE Spec. 2000 061)

**Packaging**

In sealed steel drums

**Chemical Analysis in wt%**

V	67 - 72
Al	17 - 23
Fe	10 - 16
B	≤0.01
C	≤0.05
Cr	≤0.1
Cu	≤0.2
Mo	≤0.1
P	≤0.05
S	≤0.05
Si	≤0.4
N	≤0.05
O	≤0.3

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