

_Vanadium Aluminum Iron 69:19:12
GfE Spec. 2009 109

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) black-light inspected
- c) x-ray inspected
- d) magnetically separated

Size

0.25 – 3.15 mm

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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