

_ Vanadium Aluminum Carbon 65:34:1 GfE Spec. 2017017

Application

VAIC 65:34:1 is used as master alloy for the production of titanium alloys

Production method

Metallothermic reduction

Quality

Material

- a) visually inspected
- b) black-light inspected
- c) x-ray inspected

Size

0.25 - 6.3 - mm

Packaging

In sealed steel drums

Chemical Analysis in wt%

V	62 - 68
Al	32 - 38
C	0.6 - 0.8
B	≤0.0003
Cr	≤0.05
Cu	≤0.05
Fe	≤0.3
Mn	≤0.05
Mo	≤0.1
Ni	≤0.05
P	≤0.020
S	≤0.05
Si	≤0.30
H	≤0.010
N	≤0.040
O	≤0.10

No. 7 | May 2025