

VANADIUM ALUMINUM IRON 69:19:11

GfE Spec.

2000 061

Alloy

VAIFe 69:19:11

Application

Alloy for the production of titanium alloys

Production method

Metallothermic reduction

Quality

Material 100%

a) visually inspected

b) magnetically separated

Size

0.25 - 6.3 mm

Packaging

200 kg or 1000 lbs in sealed steel drums

Composition

	spec. (wt. %)
V	67-72
Al	17-23
Fe	10-16
B	max. 0.01
C	max. 0.05
Cr	max. 0.1
Cu	max. 0.2
Mo	max. 0.1
P	max. 0.05
S	max. 0.05
Si	max. 0.4
N	max. 0.05
O	max. 0.3

Physical Data

Melting temperature	1700-1750 °C
	3092-3182 °F
True density	5.04 g/cm ³