

VANADIUM ALUMINUM 85:15

GfE Spec.

2000 316

Alloy

VAI 85:15

Application

Alloy for the production of titanium alloys characterized by a high VAI-ratio.

Production method

Metallothermic reduction

Quality

Material 100%

a) visually inspected

b) magnetically separated

Size

6.3 - 0.25 mm

Packaging

200 kg or 1000 lbs in sealed steel drums

Composition

	spec. (wt. %)
V	83-87
Al	13-17
B	max. 0.005
C	max. 0.05
Fe	max. 0.5
Mo	max. 0.1
P	max. 0.05
S	max. 0.05
Si	max. 0.2
H	max. 0.02
N	max. 0.05
O	max. 0.3

Physical Data

Melting temperature	1850-1870 °C
	3360-3400 °F
True density	4.9 g/cm ³
Bulk density	2.3 kg/dm ³