

AIVSn MASTER ALLOY 6-6-2

GfE Spec.

2000 096

Alloy

AIVSn 43:43:14 (6-6-2)

Application

For production of the titanium alloy system Ti-6Al-6V-2Sn

Production method

GfE two-step process

1st step: metallothermic reduction

2nd step: vacuum induction melting and casting

Quality

Material 100%

a) visually inspected

b) magnetically separated

Size

According to customer's request

e.g. 0.25 - 6.3 mm

Packaging

200 kg in sealed steel drums

Composition

	spec. (wt. %)
Al	41-43
V	41-43
Sn	13-15
B	max. 0.003
C	max. 0.01
Fe	max. 0.25
P	max. 0.01
Pb	max. 0.01
S	max. 0.005
Si	max. 0.2
W	max. 0.01
N	max. 0.03
O	max. 0.1

Physical Data

Melting range	1400-1450 °C
	2552-2642 °F