

ALUMINUM TANTALUM MOLYBDENUM 50:29:21

GfE Spec.

2000 163

Alloy

AlTaMo 50:29:21

Application

Alloy for the production of titanium alloys

Production method

GfE two-step process

1st step: metallothermic reduction of precusory alloys

2nd step: vacuum induction melting and casting of the final composition

Composition

	spec. (wt. %)
Al	balance
Ta	27-31
Mo	19-23
C	max. 0.5
Fe	max. 0.15
Si	max. 1.2
N	max. 0.04
O	max. 0.2

Quality

Material 100%

a) visually inspected

b) magnetically separated

Size

< 6.3 mm = -1/4 inch or to customer's request

Physical Data

Tapping temperature	1580 °C
	2876 °F
True density	4.48 g/cm ³

Packaging

In sealed steel drums