



_Aluminum Tantalum Molybdenum 50:29:21 GfE Spec. 2000 163

Application

AlTaMo 50:29:21 is used as master alloy for the production of titanium alloys

Production method

GfE two-step process

1st step: metallothermic reduction

2nd step: vacuum induction melting and casting

Quality

Material

a) visually inspected during manufacturing

b) magnetically separated

Size

< 6.3 mm

Packaging

In sealed steel drums

Chemical Analysis in wt%

Al	balance
Ta	27 - 31
Mo	19 - 23
C	≤0.5
Fe	≤0.15
Si	≤1.2
N	≤0.04
O	≤0.2