



## Aluminum Niobium Silicon Titanium 50:25:5:20 GfE Spec. 2000 050

### Application

AlNbSiTi 50:25:5:20 is used as master alloy for the production of titanium alloys

### Production method

GfE two-step process

1<sup>st</sup> step: metallothermic reduction

2<sup>nd</sup> step: vacuum induction melting and casting

### Quality

Material

a) visually inspected during manufacturing

b) magnetically separated

### Size

0.063 – 0.5 mm

### Packaging

In sealed steel drums

### Chemical Analysis in wt%

Al	46 - 54
Nb	22 - 28
Si	3.5 – 5.5
Ti	18 - 22
B	≤0.001
C	≤0.02
Cr	≤0.01
Fe	≤L.a.p.
Ni	≤0.005
W	≤0.01
N	≤0.02
O	≤0.1