

**\_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 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

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