

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

1st step: metallothermic reduction

2nd 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