

## Niobium Aluminum 60:40

GfE Spec. 2024 887 / 2021 937

### Application

NbAl 60:40 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 - 0.5 mm (GfE Spec. 2024 887)

0.5 – 6.3 mm (GfE Spec. 2021 937)

### Packaging

In sealed steel drums

### Chemical Analysis in wt%

Nb	58 - 62
Al	38 - 42
B	≤0.005
C	≤0.02
Co	≤0.005
Cr	≤0.015
Cu	≤0.015
Fe	≤0.25
Mn	≤0.015
Mo	≤0.015
Ni	≤0.015
Ta	≤0.20
V	≤0.015
W	≤0.015
Y	≤0.001
N	≤0.03
O	≤0.20