

NICKEL TANTALUM 40:60

GfE Spec.

2000 105

Alloy

NiTa 40:60

Application

For the alloying of tantalum into superalloys or high temperature alloys

Production method

Metallothermic reduction

Size

According to customer's requirements
Lumps up to 25 mm (1 inch)

Packaging

200 kg in sealed steel drums

Composition

..... spec. (wt. %)
Ni..... 37-42
Ta..... balance
Al..... max. 2
C..... max. 0.05
Fe..... max. 0.1
Mo..... max. 0.1
Nb..... max. 0.1
Pb..... max. 0.005
S..... max. 0.1
Sb..... max. 0.01
Si..... max. 0.1
N..... max. 0.05
O..... max. 0.1

other elements on request!

Physical Data

Melting temperature..... 1500 °C
..... 2732 °F
Specific Weight..... 12.3 g/cm ³