

# NICKEL NIOBIUM 40:60 HP

GfE Spec.

2000 196

## Alloy

NiNb 40:60 high purity

## Application

For the alloying of niobium into superalloys or high temperature alloys

## Production method

Metallothermic reduction

## Size

According to customer's request  
Lumpy up to 50 mm (2" x down)

## Packaging

200 kg in sealed steel drums

## Composition

..... spec. (wt. %)
Nb..... min. 58
Ni..... balance
Al..... max.1.0
C..... max. 0.05
Fe..... max. 1.0
P..... max. 0.03
Pb..... max. 0.005
S..... max. 0.01
Si..... max. 0.25
Ta..... max. 0.250
Ti..... max. 0.1
N..... max. 0.05
O..... max. 0.1

## Physical Data

Melting temperature .....	1380 °C
.....	2516 °F
Specific weight .....	8.8 g/cm <sup>3</sup>