

MOLYBDENUM ALUMINUM 65:35

GfE Spec.

2000 159

Alloy

MoAl 65:35

Application

Master Alloy for the production of titanium alloys

Production method

Metallothermic reduction

Size

0.8 mm /-20 mesh or to customers requirements

Packaging

200 kg in sealed steel drums

Composition

	spec. (wt. %)
Mo	62-68
Al	32-38
B	max. 0.01
C	max. 0.05
Cr	max. 0.1
Cu	max. 0.1
Fe	max. 0.25
Mg	max. 0.1
Mn	max. 0.1
Ni	max. 0.1
P	max. 0.02
Pb	max. 0.1
S	max. 0.02
Si	max. 0.3
W	max. 0.04
Y	max. 0.01
N	max. 0.05
O in particle size \leq 0.8 mm	max. 0.1
O in particle size \leq 0.3 mm	max. 0.2

Physical Data

Melting temperature	1570 °C
	2858 °F
True density	5.1 g/cm ³
Bulk density	2.5 kg/dm ³