

Molybdenum Aluminum 50 – 55% Mo GfE Spec. 2000 054

Application

MoAl 50 – 55% Mo 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

a) visually inspected during manufacturing

b) magnetically separated

Size

< 0.8 mm

Packaging

In sealed steel drums

Chemical Analysis in wt%

Mo	50 - 55
Al	44 - 49
B	≤0.003
C	≤0.05
Cr	≤0.1
Cu	≤0.1
Fe	≤0.25
Mg	≤0.1
Mn	≤0.1
Ni	≤0.1
P	≤0.015
Pb	≤0.1
S	≤0.02
Si	≤0.3
W	≤0.04
Y	≤0.005
H	≤0.005
N	≤0.03
O	≤0.10
Others each	≤0.05
Cr, Cu, Mg, Mn, Ni, Pb total	≤0.4

No. 9 | July 2011