

Molybdenum Aluminum Titanium 55:40:5 Standard

GfE Spec. 2009 479

Application

MoAlTi 55:40:5 standard 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 magnetically separated

Size

< 0.8 mm

Packaging

In sealed steel drums

Chemical Analysis in wt%

Mo	50 - 55
Al	40 - 45
Ti	0 - 5
B	≤0.01
C	≤0.1
Cr	≤0.1
Cu	≤0.1
Fe	≤0.25
Mg	≤0.1
Mn	≤0.1
Ni	≤0.1
P	≤0.02
Pb	≤0.1
S	≤0.02
Si	≤0.3
W	≤0.05
Y	≤0.01
N	≤0.1
O	≤0.1

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