

ALUMINUM-MOLYBDENUM-VANADIUM 50:25:25

GfE Spec. 2000 040

Alloy

AlMoV 50:25:25

Application

Approved by the major aircraft engine producers 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 100%

a) visually inspected

b) magnetically separated

Size

6.3 - 0.25 mm = 1/4 inch + 60 mesh

Packaging

In sealed steel drums

Composition

..... spec. (wt. %)	
Al	48-52
Mo	23-27
V	23-27
B	max. 0.005
C	max. 0.1
Fe	max. 0.4
Mg	max. 0.25
Si	max. 0.50
H	max. 0.005
N	max. 0.04
O	max. 0.1

Physical Data

Tapping temperature	1450 °C
.....	2642 °F