

# Aluminum Tin Zirconium Molybdenum Chromium

30:12:12:23:23

GfE Spec. 2000 101 / 2021 753

## Application

AlSnZrMoCr 30:12:12:23:23 is used as master alloy for the production of the titanium alloys

## Production method

GfE two-step process

1<sup>st</sup> step: metalothermic reduction

2<sup>nd</sup> step: vacuum induction melting and casting

## Size

< 0.8 mm (GfE Spec. 2000 101)

0.25 – 6.3 mm (GfE Spec. 2021 753)

## Packaging

In sealed steel drums

## Chemical Analysis in wt%

Al	28 - 30
Sn	11 - 13
Zr	11 - 13
Mo	22 - 25
Cr	22 - 25
B	≤0.003
C	≤0.02
Fe	≤0.5
P	≤0.02
Pb	≤0.01
S	≤0.01
Si	≤0.3
W	≤0.01
N	≤0.02
O	≤0.1

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