

TITANE GRADE 3 TOLES ET PLAQUES

Le grade 3 (AMS 4900) est une forme de Titane commercial pur. Il est utilisé très couramment car il combine une excellente formabilité, une résistance modérée (légèrement meilleur que le grade 2) ainsi qu'une résistance supérieure à la corrosion. Cette combinaison de propriétés rend le grade 3 idéal pour une large gamme d'applications. Par Exemple, la pétrochimie, la marine, l'aérospatiale ainsi que le médical.

| Specific Gravity | | | | | | | |
|--|------------------|------------|-------------------|--------------------------------------|------|-------|-------|
| 4.51 g/cm ³ | | | | | | | |
| Typical Applications | | | | Related Specifications | | | |
| Welded aerospace ducting Structural aerospace components Metal Finishing | | | | ASTM B265 ASME SB-265 AMS 4900 | | | |
| Chemical Composition (Wt %) | | | | | | | |
| | C | N | O | Ti | Fe | H | Other |
| Min | – | – | – | – | – | – | – |
| Max | 0.08 | 0.05 | 0.35 | Bal | 0.30 | 0.015 | 0.4 |
| Mechanical Properties in the Annealed Condition | | | | | | | |
| 0.2% Proof Stress | Tensile Strength | Elongation | Reduction of area | Hardness | | | |
| MPA | MPA | % | % | HRB | | | |
| Min | Min | Min | | | | | |
| 380 | 450 | 18 | 30 | 90 | | | |
| * Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change without notice. | | | | | | | |
| | | | | | | | |

General Enquiries

T: +44 (0) 1525 217 556 [_\(tel:+4401525217556\)](tel:+4401525217556)

E: sales@dynamicmetalsltd.com [_\(mailto:sales@dynamicmetalsltd.com\)](mailto:sales@dynamicmetalsltd.com)



UK Address:

Head Office

40 Eden Way
Chartwell Business Park
Leighton Buzzard
Bedfordshire
LU7 4FY

T: +44 (0)1525 217 556 [_\(tel:+441525217556\)](tel:+441525217556)

Conversion Centre

Suite 2 Meadowhall Riverside
Meadowhall Road
Sheffield
South Yorkshire
S9 1BW

T: +44 (0)1143 030 320 [_\(tel:+4401143030320\)](tel:+4401143030320)

Registered Office (only)

The Granary
Crowhill Farm Ravensden Road
Wilden
Bedfordshire
MK44 2QS

T: +44 (0)1525 217 556 [_\(tel:+441525217556\)](tel:+441525217556)



[\(/media/zn2dbklo/cyber-essentials-certified-plus.png\)](#)



[\(/media/dyelbliq/cyber-essentials-certified.png\)](#)