

AMS 4901 - TITANIUM GRADE 4 TÔLE PLAQUE

Titane Grade 4 Tôles et Plaques

Le grade 4 (AMS 4901) est une forme de Titane commercial Pur qui possède la plus haute résistance de tous les Titans Purs. Il a une excellente résistance à la corrosion dans une large variété d'environnements. On retrouve le grade 4 dans les applications aéronautiques, médicales et industrielles où le besoin de haute résistance mécanique est important.

| Specific Gravity | | | | | | | |
|--|------------------|------------|-------------------|---|------|-------|-------|
| 4.51 g/cm ³ | | | | | | | |
| Typical Applications | | | | Related Specifications | | | |
| Cryogenic vessels Medical and Dental devices Food processing Hydrometallurgy Tubing Aerospace components | | | | AMS 4901 UNS R50700 Mil T 9046 ASTM B265 | | | |
| Chemical Composition (Wt %) | | | | | | | |
| | C | N | O | Ti | Fe | H | Other |
| Min | – | – | – | – | – | – | – |
| Max | 0.08 | 0.05 | 0.40 | Bal | 0.50 | 0.015 | 0.4 |
| Typical Mechanical Properties in the Annealed Condition | | | | | | | |
| 0.2% Proof Stress | Tensile Strength | Elongation | Reduction of area | Hardness | | | |
| MPA | MPA | % | % | HRB | | | |
| 483 | 552 | 15 | 25 | 100 | | | |
| * 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.

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