

AMS 4900 - TITANIO GRADO 3 LAMIERE E PIASTRE

Titanio Grado 3 è una tipologia di titanio commercialmente pura. È ampiamente utilizzato perché combina un'eccellente plasticità e una moderata solidità (leggermente superiore a quella del Grado 2) con una resistenza alla corrosione superiore. Questa combinazione di proprietà rende il titanio di grado 3 ideale per una grande varietà di applicazioni chimiche e marine, nonché aerospaziali e mediche in cui la forza è un elemento di riguardo

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.							

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