

AMS 4901 - TITANIUM GRADE 4 SHEET PLATE

Titanium Grade 4 Sheet Plate

Titanium Grade 4 is a commercially pure form of titanium and has the highest strength of all the commercially pure titaniums. It has a higher strength to weight ratio than 301 stainless with excellent corrosion / erosion resistance in a wide variety of environments. Grade 4 (AMS 4901, ASTM B265, UNS R50700) can be found in aerospace, medical and industrial applications where high strength is needed.

Specifi	c Gravity							
4.51 g/cm3								
Typical Applications				Related Specifications				
Cryogenic vessels				AMS	3 4901			
Medical and Dental devices				UNS R 50700				
Food processing				Mil T 9046				
Hydrometallurgy				AST	M B 265			
Tubing								
Aerospace components								
Chemical Con	nposition ((Wt %)						
	с	N	ο	Ti	Fe	н	Other	
Min	_	-	-	-	-	-	-	
Мах	0.08	0.05	0.40	Bal	0.50	0.01	5 0.4	
Typical Mechanical Propert	ies in the	Anneal	ed Con	dition				
0.2% Proof Stress		Tensile Strength		on	n Reduction of area		Hardness	
MPA	MPA	%	%		%		HRB	
	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

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Conversion Centre

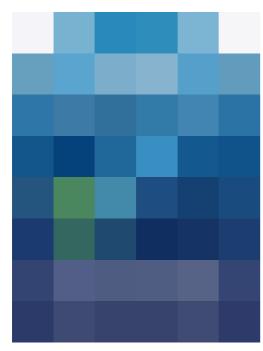
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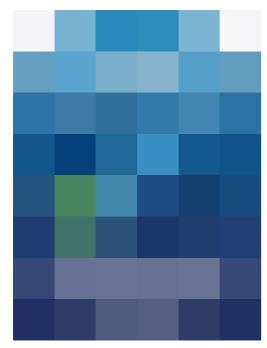
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