

## 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	<b>3</b> 4901			
Medical and Dental devices				<b>UNS R</b> 50700				
Food processing				<b>Mil T</b> 9046				
Hydrometallurgy				AST	<b>M B</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

## **General Enquiries**

T: +44 (0) 1525 217 556 <u>(tel:+4401525217556)</u> E: sales@dynamicmetalsltd.com <u>(mailto:sales@dynamicmetalsltd.com)</u>



## **UK Address:**

Head Office

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

T: +44 (0)1525 217 556 (tel:+441525217556)

**Conversion Centre** 

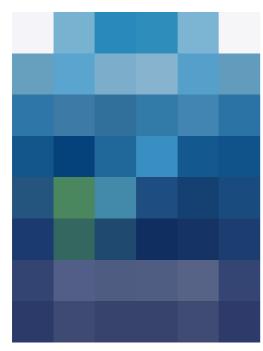
Suite 2 Meadowhall Riverside Meadowhall Road Sheffield South Yorkshire S9 1BW

T: +44 (0)1143 030 320 (tel:+4401143030320)

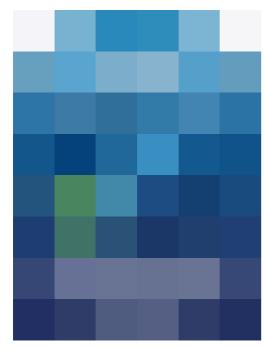
Registered Office (only)

The Granary Crowhill Farm Ravensden Road Wilden Bedfordshire MK44 2QS

T: +44 (0)1525 217 556 (tel:+441525217556)



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