

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.

	Specific G	iravity	avity					
4.51 g/cm3								
Typical Application	ons				R	elated	Specific	ations
Cryogenic vessels					AMS	4901		
Medical and Dental devices					UNS R50700			
Food processing					Mil T 9046			
Hydrometallurgy					ASTM B 265			
Tubing								
Aerospace components								
Chemi	ical Compo	sition ((Wt %)			Mil T 9046		
		С	N	0	Ti	Fe	н	Other
Min		_	_	_	_	_	_	1_

Typical Mechanical Properties in the Annealed Condition

Max

0.08

0.05

0.40

Bal

0.50

0.015

0.4

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

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without notice.

General Enquiries

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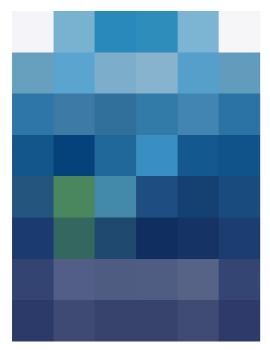
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Registered Office (only)

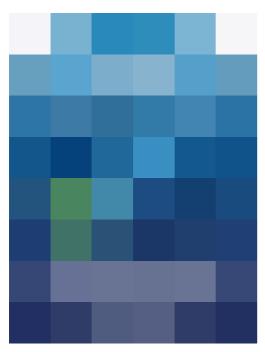
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