

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 Gravity									
4.51 g/cm3									
Typical Applications			Related Specifications						
Cryogenic vessels				AMS	4901				
Medical and Dental devices					UNS R50700				
Food processing				Mil T 9046					
Hydrometallurgy					ASTM B 265				
Tubing									
Aerospace components									
Chemical Composition (Wt %)									
	С	N	0	Ti	Fe	н	Other		
Min	_	_	_	_	_	_	_		

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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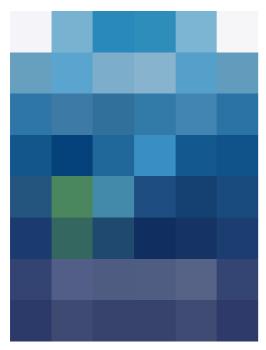
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Registered Office (only)

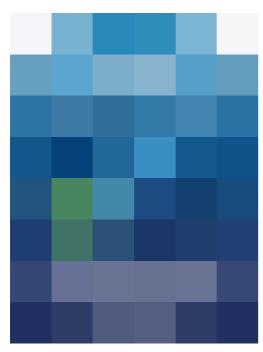
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