

AMS 4900, TITANIUM GRADE 3 SHEETS AND PLATES

Titanium Grade 3 is a commercially pure form of titanium. It is widely used because it combines excellent formability and moderate strength (slightly higher than that of Grade 2) with superior corrosion resistance. This combination of properties makes Grade 3 titanium (ASTM B265, AMS 4900) ideal for a large variety of chemical and marine as well as aerospace and medical applications where strength is a consideration.

Specific Gravity								
4.51 g/cm3								
Typical Applications				Re	Related Specifications			
Welded aerospace ducting				ASTN	l B265			
Structural aerospace components				ASME SB-265				
Metal Finishing AMS 4900								
Chemical Composition (Wt %)								
	С	N	О	Ti	Fe	Н	Other	

		N	O	- ' '	re	п	Other
Min	_	_	_	I	-	-	-
Мах	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	

10/08/2025 11:32 1 of 3

* This data has been supplied in good faith and is indicative only. It has been provided for general information purposes only and is not to be relied upon in place of the full specification. Mechanical properties can vary considerably with different purpose and product dimensions.

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Material supplied by Dynamic Metals Ltd may vary significantly from this data but will conform to the relevant and

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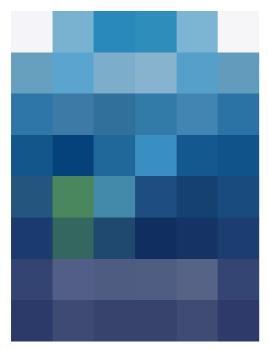
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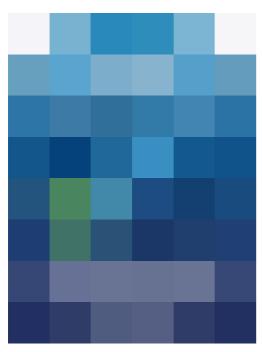
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10/08/2025 11:32 2 of 3



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10/08/2025 11:32 3 of 3