

TITANIUM 6246 - AMS 4981

Titanium 6Al-2Sn-4Zr-6Mo is a heat treatable alpha-beta alloy that combines long term elevated temperature strength with much improved short term strength properties of a solution treated and aged alpha-beta alloy.

Typical Applications	Related Specifications			
Compressor Discs and fan blades	AMS 4981			
Airframe components	AMS-T-9047			
Motor racing drivetrain components	UNS R56260			
Subsea sour service	NACE MR01-75			

Chemical Composition (Wt %)

	Al	Sn	Zr	Мо	Fe	N	О	С	н
Min	5.5	1.75	3.5	5.5	_	_	_	_	-
Мах	6.5	2.25	4.5	6.5	0.15	0.04	0.15	0.04	0.0125

Typical Mechanical Properties

	0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area	
	MPA	MPA	%	%	
Range:	1020- 1150	1090- 1240	13-16	37-42	

Note 1: Variations in mechanical properties are dependent on condition / heat treatment

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^{*} 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 without notice.

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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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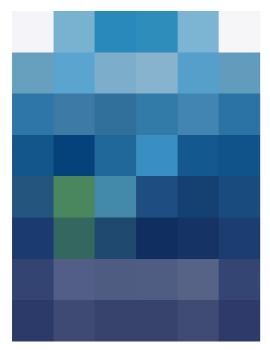
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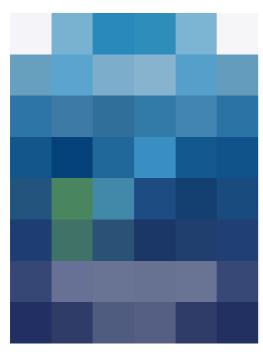
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