

## AMS 4981 - TITANIO 6246

Il titanio 6Al-2Sn-4Zr-6Mo (AMS 4981) è una lega alfa-beta trattabile che combina la resistenza a temperature elevate a lungo termine con proprietà di resistenza a breve termine molto superiori a quelle di una lega alfa-beta trattata e invecchiata

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

### Chemical Composition (Wt %)

	Al	Sn	Zr	Mo	Fe	N	O	C	H
<b>Min</b>	5.5	1.75	3.5	5.5	–	–	–	–	–
<b>Max</b>	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	%	%
<b>Range:</b>	1020-1150	1090-1240	13-16	37-42

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

\* 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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