

TITANIO 6246

Il titanio 6Al-2Sn-4Zr-6Mo 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		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	Mo	Fe	N	O	C	H
Min	5.5	1.75	3.5	5.5	–	–	–	–	–
Max	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									
* 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.									

General Enquiries

T: +44 (0) 1525 217 556 [_\(tel:+4401525217556\)](tel:+4401525217556)

E: sales@dynamicmetalsltd.com [_\(mailto:sales@dynamicmetalsltd.com\)](mailto:sales@dynamicmetalsltd.com)



UK Address:

Head Office

40 Eden Way
Chartwell Business Park
Leighton Buzzard
Bedfordshire
LU7 4FY

T: +44 (0)1525 217 556 [_\(tel:+441525217556\)](tel:+441525217556)

Conversion Centre

Suite 2 Meadowhall Riverside
Meadowhall Road
Sheffield
South Yorkshire
S9 1BW

T: +44 (0)1143 030 320 [_\(tel:+4401143030320\)](tel:+4401143030320)

Registered Office (only)

The Granary
Crowhill Farm Ravensden Road
Wilden
Bedfordshire
MK44 2QS

T: +44 (0)1525 217 556 [_\(tel:+441525217556\)](tel:+441525217556)



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