

TITANE 6246

Le Titane 6Al-2Sn-4Zr-6Mo est un alliage alpha-beta qui peut être traité et combine la résistance aux hautes températures durant une longue exposition ainsi qu'une amélioration des propriétés de résistance à court terme.

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.									

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