



MIG TA6V4

Classification

AWS A5.16 : ERTi-5
AMS : 4954

Material N° : 3.7165

Description & Applications

Solid wire for GMAW for welding of similar titanium alloys.

Main applications: Aeronautical industry.

Typical Chemical Composition (%)

C	N ₂	H ₂	O ₂	Fe	Al	V	Y	Ti
<0.05	<0.03	<0.005	0.12-0.20	<0.22	6.0	4.0	<0.005	Rem.

All Weld Metal Mechanical Properties

R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)
900	960-1270	8

Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				

Ind.10



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