TIG TA6V4 ELI

Classification

ISO 24304 : Ti 6408 (TiAl6V4A) AMS : 4956
AWS A5.16 : ERTi-23

Description & Applications

Solid rod for TIG welding of similar titanium alloy. The decreaseon of interstitial elements increase the weldability and the hardness.

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	Shielding Gas
TIG = -	Ar : 6-12 l/min Back shielding : Argon : 3-6 l/min

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