

TIG TI6.2.4.2

Classification

AMS : 4952

Description & Applications

Solid rod for GTAW of similar titanium alloys. Excellent oxydation resistance at high temperature.

Main applications: Aeronautical industry.

Typical Chemical Composition (%)								
	С	Si	Мо	Zr	Sn	Al	Fe	0
Min			1.80	3.60	1.80	5.50		
Max	0.04	0.10	2.20	4.40	2.20	6.50	0.10	0.15
Туре	0.02	0.08	2.0	4.0	2.0	6.0	0.05	0.12
	N	Н	Υ	I	3	A/C	A/T	Ti
Min								
Max	0.0400	0.0125	0.0050	0.0	030	0.10	0.40	Rem.
Type	0.01	0.001	0.001	0.0	001	<0.10	< 0.40	Rem.

All Weld Metal Mechanical Properties

	R _{p0.2} (MPa)	R _m (MPa)	A ₅ (%)
Min	-	-	-
Max			
Туре	-	-	-

Welding Current & Instructions

Welding mode	Shielding Gas		
GTAW = -	ISO 14175 : I1 (Ar) 6-12 l/min Back shielding : I1 (Ar) 3-6 l/min		

FT En-TT32-170802

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