TIG T40

Classification

ISO 24304		Ti 0120 (Ti99.6)	N° de Mat.	: 3.7035
AWS A5.16	:	ERTi-2	AMS	: 4951

Description & Applications

Solid rod for TIG welding of pure titanium.

Main applications: Heat exchangers, condensers, evaporators for nuclear plants, oil reffinery, aeronautical and chemical industries.

Typical Chemical Composition (%)

C	N_2	H_2	O_2	Fe	Ti
<0.03	<0.015	<0.008	0.08-0.16	<0.12	Rem.

All Weld Metal Mechanical Properties

$R_{p0.2}$ (MPa)	R_m (MPa)	A_5 (%)
290	390-540	20

Welding Current & Instructions

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

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