MIG T40

Classification

AWS A5.16 : ERTi-2
AMS : 4951

Material N° : 3.7035

Description & Applications

Solid wire for GMAW for welding of pure titanium.

Main applications: Heat exchangers, condensers, evaporators for nuclear plants, oil refinery, 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	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				

Ind.10

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