TIG FENI36

Classification

Without

Description & Applications

Filler metal filling a Ferro-Nickel alloy used for welding alloys Invar-Type.
Materials having a very low thermal expansion.

Main applications: Molds for composite, cladding of natural gas tanks

Typical Chemical Composition (%)

C	Si	Mn	Ni	P	S	Fe
0.01	0.1	0.3	36.0	<0.010	<0.010	Rel

All Weld Metal Mechanical Properties

$R_{p0.2}$ (MPa)	R_m (MPa)	A_5 (%)
300	400	28

Welding Current & Instructions

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

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