



## TIG FENI36

### Classification

Without

### Description & Applications

Solid rod filling a Ferro-Nickel alloy used for GTAW of alloys like Invar. 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
Min							
Max				Not specified			
Type	0.01	0.01	0.30	36.0	0.010	0.010	Rem.

### All Weld Metal Mechanical Properties

	R <sub>p0.2</sub> ( MPa )	R <sub>m</sub> ( MPa )	A <sub>5</sub> ( % )
Min	-	-	-
Max			
Type	300	400	28

### Welding Current & Instructions

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

FT En-Ti20-161222

**Liability:** This document is intended to assist the user in choosing the product. It is up to the user to verify that the chosen product is suitable for applications for which it is intended. The company FSH Welding Group reserves the right to alter specifications without prior notice of its products. The descriptions, illustrations and specifications are for reference only and cannot be held liable for FSH Welding Group. **Fumes:** Consult information on MSDS, available upon request.

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