TIG F17/0

Old reference: TIG 430

Classification

ISO 14343-A : W 17
AWS A5.9 : ER430

Material.N° : 1.4016

Description & Applications

Solid rod for TIG welding of stainless steels with 17% Chromium content. Good oxidation resistant up to 900°C also in sulfurous gases, used for chimneys as well as for sea water applications,…

Main applications: Surfacing of fittings and valves.

Typical Chemical Composition (%)

C	Si	Mn	Cr	Ni	Mo	Cu	P	S	Fe
0.05	0.4	0.5	16.5	0.3	0.1	0.08	<0.02	<0.01	Rem.

All Weld Metal Mechanical Properties

$R_{p0.2}$ (MPa)	R_m (MPa)	A_5 (%)
300	450	15

After PWHT 760°C/2h

Welding Current & Instructions

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

ind.10

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.