

Stainless Steel MIG•TIG Wire/Rod

GT430

AWS A5.9 ER430
JIS Z 3321 YS430
ISO 14343-A-W 17

Product Features:

- Ferrite structure weld metal.
- Good high temperature creep strength, acid and heat resistance.

Applications:

- Suitable for welding of 16%Cr stainless steel such as SUS430.

Shielding gas:

- 100%Ar

Typical chemical composition of wire / rod (wt%)

C	Si	Mn	Ni	Cr	Fe
0.01	0.42	0.38	0.19	16.66	Bal.

Typical mechanical properties of all weld metal

Tensile Strength N/mm ²	Elongation %	Post Weld Heat Treatment (PWHT)
480	34	770°C × 2hr

TIG rod size diameter/length; DC-

Diameter (mm)	1.6	2.0	2.4/2.6	3.2
Length (mm)	1000	1000	1000	1000

Note:

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