TG-S70S2 FAMILIARC™

TIG welding rod and wire

Features: ▪ Suitable for root pass welding of pipes and general use

Classification: AWS A5.18 ER70S-2

Shielding Gas: Ar
Identification color: -
Polarity: DCEN

Packaging data

	Tube		
ϕ mm	**kg**	**Length mm**	**g/piece**
2.0	5	1,000	25
2.4	5	1,000	35
Volume mm	430W, 35H, 1015L		

Composition (wire mass%)

	Typical	Guaranty [a]
C	0.05	0.07
Si	0.45	0.40~0.70
Mn	1.01	0.90~1.40
P	0.010	0.025
S	0.004	0.035
Ni	0.01	0.15
Cr	0.06	0.15
Mo	0.01	0.15
V	0.01	0.03
Cu	0.13	0.50
Ti	0.09	0.05~0.15
Zr	0.07	0.02~0.12
Al	0.10	0.05~0.15

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	582	400min.
TS (MPa)	636	483min.
El on 4d (%)	29	22min.
IV -30℃ (J)	213	27min.