TG-S70S3 FAMILIARC™

TIG welding rod and wire

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

Classification: AWS A5.18 ER70S-3

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	0.10	0.06~0.15
Si	0.56	0.45~0.75
Mn	1.12	0.90~1.40
P	0.008	0.025
S	0.016	0.035
Ni	0.01	0.15
Cr	0.02	0.15
Mo	0.01	0.15
V	0.01	0.03
Cu	0.14	0.50

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	476	400min.
TS (MPa)	560	483min.
El on 4d (%)	35	22min.
IV -20℃ (J)	240	27min.