TG-S70NCb PREMIARC™

Filler rod and wire

Features: ▪ Suitable for Inconel and Incoloy, dissimilar-metal joints and overlaying

Classification: AWS A5.14 ERNiCr-3

Shielding gas: Ar
Identification color: 1st Purple
Polarity: DCEN

Packaging data

	Spool	Tube		
ϕ mm	**kg**	**kg**	**Length mm**	**g/piece**
1.2	10	-	-	-
1.6	-	5	1,000	16
2.0	-	5	1,000	26
2.4	-	5	1,000	37
Volume mm	240W, 110H, 240L	40W, 35H, 1015L		

Composition (rod and wire mass%)

	Typical	Guaranty [a]
C	0.03	0.10
Si	0.20	0.50
Mn	2.9	2.5~3.5
P	0.001	0.03
S	0.002	0.015
Ni	72.9	67.0min.
Cr	20.1	18.0~22.0
Ti	0.30	0.75
Fe	1.4	3.0
Nb+Ta	2.6	2.0~3.0
Cu	<0.01	0.50

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical
0.2%YS (MPa)	370
TS (MPa)	680
El on 4d (%)	40
IV -196℃ (J)	150