TG-SN625 PREMIARC™

Filler rod and wire

Features: ▪ Suitable for Inconel 625, dissimilar-metal joints and overlaying

Classification: AWS A5.14 ERNiCrMo-3

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

Packaging data

	Spool	Tube		
ϕ mm	**kg**	**kg**	**Length mm**	**g/piece**
0.9	10	-	-	-
1.2	10	-	-	-
1.6	-	5	1,000	16
2.4	-	5	1,000	37
Volume mm	240W, 110H, 240L	40W, 35H, 1015L		

Composition (rod and wire mass%)

	Typical	Guaranty [a]
C	0.01	0.10
Si	0.08	0.50
Mn	0.05	0.50
P	<0.01	0.02
S	0.001	0.015
Ni	63.6	58.0min.
Cr	21.9	20.0~23.0
Mo	9.0	8.0~10.0
Nb+Ta	3.55	3.15~4.15
Al	0.21	0.40
Ti	0.21	0.40
Fe	1.4	5.0
Cu	0.02	0.50

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical
0.2%YS (MPa)	480
TS (MPa)	770
El on 4d (%)	41