TG-S90B3 TRUSTARC™

TIG wire and rod for 2.25%Cr-1%Mo steel

Features: ▪ Applied for ASTM A387 Gr.22 and equivalents

Classification: AWS A5.28 ER90S-B3

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

Packaging data

	Spool	Tube		
ϕ mm	**kg**	**kg**	**Length mm**	**g/piece**
1.0	10	-	-	-
1.2	10	-	-	-
1.6	-	5	1,000	16
2.0	-	5	1,000	25
2.4	-	5	1,000	35
3.2	-	5	1,000	63
Volume mm	240W, 110H, 230L	40W, 35H, 1015L		

Composition (wire mass%)

	Typical	Guaranty [a]
C	0.09	0.07~0.12
Si	0.64	0.40~0.70
Mn	0.60	0.40~0.70
P	0.004	0.025
S	0.006	0.025
Cr	2.39	2.30~2.70
Mo	1.08	0.90~1.20
Ni	0.06	0.20
Cu	0.15	0.35

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	600	538min.
TS (MPa)	730	621min.
El on 4d (%)	27	17min.
IV -20℃ (J)	240	-
PWHT (℃xh)	690x1	690±15x1