TG-S2CMH TRUSTARC™

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

Features:
- Applied for ASTM A542 Type D Cl.4a and equivalents
- Excellent tensile strength at high temperatures and less sensitive to temper embrittlement

Classification: AWS A5.28 ER90S-G

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

Packaging data

	Spool		Tube		
ϕ mm	**kg**		**kg**	**Length mm**	**g/piece**
1.0	10	-	-	-	-
1.2	10	20	5	1,000	9
1.6	-	-	5	1,000	16
2.0	-	-	5	1,000	25
2.4	-	-	5	1,000	35
Volume mm	240W, 110H, 230L	280W, 110H, 270L	40W, 35H, 1015L		

Composition (wire mass%)

	Typical	Guaranty [a]
C	0.12	0.05~0.15
Si	0.16	0.50
Mn	0.41	0.20~1.10
P	0.004	0.010
S	0.007	0.010
Ni	0.02	0.20
Cr	2.31	2.00~2.60
Mo	1.06	0.90~1.20
V	0.28	0.20~0.40
Nb	0.033	0.010~0.040
Cu	0.14	0.35

Note: [a] Single values are maximum.

All-weld Mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	620	-
TS (MPa)	730	621min.
El on 4d (%)	22	-
IV -18℃ (J)	300	-
PWHT (℃xh)	705x7	705±15x8