TG-S2CML TRUSTARC™

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

Features:
- Applied for ASTM A387 Gr.22 and equivalents
- Lower carbon content than TG-S2CM

Classification: AWS A5.28 ER80S-G

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

Packaging data

	Spool		Tube		
ϕ mm	**kg**		**kg**	**Length mm**	**g/piece**
1.0	10	20	-	-	-
1.2	10	20	5	1,000	-
1.6	10	-	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	0.04	0.05
Si	0.50	0.30~0.80
Mn	1.09	0.80~1.40
P	0.005	0.025
S	0.010	0.025
Ni	0.02	0.20
Cr	2.34	2.10~2.70
Mo	1.10	0.90~1.20
Cu	0.16	0.40

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	520	469min.
TS (MPa)	630	552min.
El on 4d (%)	28	19min.
IV 0℃ (J)	250	-
PWHT (℃xh)	690x1	690±15x1