TG-S56 TRUSTARC™

TIG wire and rod for Mn-Mo and Mn-Mo-Ni steel

Features: ▪ Applied for ASTM A533 Type A, B, C, D and equivalents

Classification: AWS A5.28 ER80S-G

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

Packaging data

	Tube		
ϕ mm	**kg**	**Length mm**	**g/piece**
1.2	5	1,000	9
1.6	5	1,000	16
2.0	5	1,000	25
2.4	5	1,000	35
Volume mm	40W, 35H, 1015L		

Composition (wire mass%)

	Typical	Guaranty [a]
C	0.10	0.12
Si	0.39	0.20~0.60
Mn	1.52	1.20~1.80
P	0.003	0.025
S	0.007	0.025
Ni	0.62	0.40~0.80
Mo	0.49	0.40~0.60
Cu	0.16	0.35

Note: [a] Single values are maximum.

All-weld mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	520	469min.
TS (MPa)	590	552min.
El on 4d (%)	31	19min.
IV -12℃ (J)	290	-
PWHT (℃xh)	620x1	620±15x1