SC-EG2 Cored

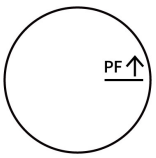
Classification

AWS AWS A5.26/ ASME SFA-5.26 EG70T-2

JIS Z 3319 YFEG-22C

Welding Positions

3G



Features

- Electro gas arc welding process
- Hig deposition(Vertical up butt welding)

Polarity

DC +

Application Areas

- Shipbuilding
- Storage Tank

Shielding Gas

100% CO2

Approvals

ABS	BV	CCS	DNV	KR	LR	NK	RINA
✓	✓	✓	✓	✓	✓	✓	✓

Typical Chemical Composition of All-Weld Metal (wt%)

Shielding Gas	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V
100% CO2	0.08	0.41	1.5	0.010	0.010	0.01	0.02	0.03	0.11	0.02

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
100% CO2	475 (69)	586 (85)	25	-20 (0)	60 (44)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)	Packaging
1.6 (1/16)	330~380	Spool 5kg (11lbs), 20kg (44lbs)