

Supershield EG-72T

AWS A5.26 EG72T-1

TYPE : Self-Shielded

Applications

- ① Supershield EG-72T is used for Vertical-up, self-shielded, V-groove & Square Butt joint single pass electrogas arc welding process of Storage tank fabrication.
- ② It is suitable for welding of mild steel, Ship plate and Pressure vessel steel with high deposition rate.

Characteristics on Usage

- ① Supershield EG-72T is an Self-shielded Flux cored consumable used for electrogas arc welding process (EGW).

Notes on Usage

- ① This process does not use an external shielding gas.
- ② Use DC(+) polarity.

Welding Position



1G 2F 3G 4G
(PA) (PB) (PF) (PE)

Current

DC +

Typical Chemical Composition of All-Weld Metal (%)

C	Si	Mn	P	S	Mo
0.05	0.35	1.45	0.008	0.009	0.25

Typical Mechanical Properties of All-Weld Metal

YS MPa(lbs/in ²)	TS MPa(lbs/in ²)	EL (%)	Temp. °C (°F)	CVN-Impact Value J (ft · lbs)
520 (75,400)	590 (85,500)	27.0	-30 (-22)	45 (33)

Approval

I Packing

Dia. (mm) 2.4
(in) 3/32

Spool(kg) 25
(lbs) 55

Sizes Available and Recommended Currents (Amp.)

Diameter in(mm)	Electrical Stick-out in(mm)	Wire feed speed		Current (approx. A)	Arc Voltage (V)	Deposition Rate (kg/h)
		inch / min	cm / min			
3/32 (2.4)	1.49 (38)	250	635	380~450	34	10
		300	760	450~480	36	12
		350	890	480~550	38	15
		400	1020	550~600	45	16