

RASI EL-8

MADE IN INDIA

S.A.W Wire :- AWS A5.17 F7A2-EL8

CHARACTERISTICS

RASI EL-8 is a copper coated EQ grade steel wire for Submerged Arc Welding (SAW) of mild and medium carbon structural steel. This grade of wire is widely used in welding of LPG cylinders, steel pipes and structures.

- Submerged arc welding wires for mild steel and 490 N/mm² high tensile strength steel.
- Good porosity and crack resistance.
- Good bead appearance and easy slag removal.

WELDING POSITIONS

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CLASSIFICATIONS

AWS A5.17 F7A2-EL8

TYPICAL APPLICATIONS

Suitable for single or multiple pass(es) welding of mild steel and 50 Kg/mm² high tensile Strength steel structures on shipbuilding, machinery, bridges and general structures.

WELDING POLARITY

DCEP (DC+): Electrode positive or DC reverse polarity (DCRP).
DCEN (DC-): Electrode negative or DC straight polarity (DCSP).

Chemical Composition of Wled Metal (wt %)

	C %	Mn %	Si %	S %	P %	Cr %	Ni %	Mo %	Cu %
Typical Results	0.10 max	0.25 - 0.60	0.07 max	0.030 Max	0.025 Max	---	---	---	0.350 Max

All Weld Metal Mechanical Properties :-

	UTS (mpa)	YS (mpa)	Elongation % (L=4xd)	CVN impact at -20C
Typical Results	---	---	---	---

Packing Details :-

2.0mm	2.40mm	3.2mm	4.00mm
25 kg	25 kg	25 kg	25 kg

*FOR APPROVALS AND CERTIFICATIONS KINDLY CONTACT :- info@rasielectrodes.com

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