



JACKSUN EL-8

AGLOMERATED SUBMERGED ARC WELDING FLUX FOR STRUCTURAL STEEL

GRADE

AWS A5.17 F7A2/EL8
AWS A5.17 F7A0/EM12K

CHARACTERISTICS

JACKSUN EL-8 is a copper coated mild steel electrode for Submerged Arc Welding (SAW) of mild & medium carbon structural steels.

- It is suitable for welding 490 MPA grade steel structures such as machinery, steel pipes, bridges & pressure vessels.
- Excellent crack-resistance.
- Easy to operate with easy slag removal.

JACKSUN EM-12K is a medium manganese alloyed copper coated steel wire for submerged arc welding and electro slag welding of medium and high tensile steels.

- It is suitable for welding 500-550 MPA grade steel structures such as ship building, bridges, pressure vessels & building construction.
- Excellent crack-resistance
- High productivity and low electricity consumption

APPLICATIONS

Excellent for general applications involving single or limited pass welding

WELDING POLARITY

DCEP (DC+) : Electrode positive or DC reverse polarity (DCRP).

WIRE CHEMISTRY

Wire	C%	Mn%	Si%	Cr%	Ni%	S%	P%	Cu%
EL 8	0.10	0.30 - 0.60	0.03	0.20	0.03	0.03	0.03	0.20
EM 12 K	0.10	0.80 - 1.10	0.07	0.20	0.03	0.03	0.03	0.20

PACKAGING AND SIZES

SIZE	Al ₂ O ₃ + MnO%	CaO + MgO%	CaF ₂ %	H ₂ O%
30	55	5	5	<0.5

CONTACT

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