

NOUVE F3

AWS SFA 5.17/5.17M

F7A2 EM12K,F7A0 EL8

CHARACTERISTICS:

- Agglomerated flux for Submerged Arc Welding.
- This flux is designed for butt and fillet welding applications at travel speeds 0.80 to 1metre per minute primarily with single & twin wire systems for all carbon steels operated in DC.
- Excellent bead shape and slag removal.

APPLICATIONS:

- Major applications include Pre-Engineered Buildings (PEB), General construction etc.
- Single and multi-pass welding.
- Recommended for automatic and semi-automated submerged welding.

CHEMICAL COMPOSITION OF DEPOSITED METAL (%)

Elements	C	Mn	Si	S	P	Cu
Typical	0.07	1.34	0.50	0.019	0.027	0.10

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MECHANICAL PROPERTIES OF DEPOSITED METAL

Aws Classification	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation (%)	Impact Energy @ -20°C (J)
Specification	490-660	400 min	22 min	27 min
F7A2-EM12K	560	450	30	45
Aws Classification	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation (%)	Impact Energy @ 0°C (J)
Specification	490-660	400 min	22 min	27 min
F7A0-EL8	540	430	28	40

PRODUCT INFORMATION:

Grain Size : 12-60 Mesh

Redrying : 2 hours at 350 ± 50°C

WELDING ESSENTIALS:

- Moisture, rust, and oil stains on the surface of the base metal must be clearly removed before welding.
- After unpacking the welding flux, Please note take moisture-proof measures, use it up as soon as possible, and do not leave unused welding flux in the air for a long time.

PACKING:

PACKING MODE	WEIGHT (kgs.)
HDPB	25.0