

NOUVE F5

AWS SFA 5.17/5.17M

F7A2 EM12K,F7AZ EL8

CHARACTERISTICS:

- Agglomerated flux for Submerged Arc Welding.
- This flux is specially designed for fillet welding applications at high speeds 2meter per minute primarily with single & twin wire systems for all carbon steels operated in DC.
- Excellent bead shape and slag removal.
- Excellent result in pin nozzle and random welding machines.

APPLICATIONS:

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

FLUX CHEMICAL COMPOSITION (%)

Elements	SiO ₂ + MnO	FeO	CaO +MgO	CaF ₂	H ₂ O	Al ₂ O ₃ + TiO ₂	P	S
Actual	23.15	0.52	15.50	8.10	0.01	46.71	0.030	0.020

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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	538	445	28	70.3
Aws Classification	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation (%)	Impact Energy (J)
Specification	490-660	400 min	22 min	NR
F7AZ-EL8	520	425	28	-

PRODUCT INFORMATION:

Grain Size : 10-40 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