

NOUVE F4

AWS A5.17/A5.17M

F7A4 -EH14, F7A5- EM12K

CHARACTERISTICS:

- Agglomerated fluoride-basic flux for Submerged Arc Welding.
- Single layer and multi-layer welding of unlimited plate thickness.
- Designed for single and multi-wire procedures, for butt and fillet welds.
- Excellent bead shape and slag removal.
- High impact toughness values.

APPLICATIONS:

- It can be used for General constructions, Pressure vessels, Shipbuilding, Pipe Mills, Wind tower productions, Transport industries.
- Recommended for automatic and semi-automated submerged welding.

FLUX CHEMICAL COMPOSITION (%)

Elements	SiO ₂ + TiO ₂	CaF ₂	CaO +MgO	Al ₂ O ₃ + MnO	P	S
Actual	21.50	19.50	29.80	25.85	0.017	0.015

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MECHANICAL PROPERTIES OF DEPOSITED METAL

Aws Classification	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation (%)	Impact Energy @ -40°C (J)
Specification	490-660	400 min	22 min	27 min
F7A4-EH14	570	480	27	90
Aws Classification	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation (%)	Impact Energy @ -50°C (J)
Specification	490-660	400 min	22 min	NR
F7A5-EM12K	532	438	28	60

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