ELIFLUX BBR-AG

Standards

TS EN ISO 14174	: SA AB 1 67 AC H5
EN ISO 14174	: SA AB 1 67 AC H5
AWS A5.17	: F6AZ-EL12 / F7A0-EM12
	F7A0-EM12K

Basicity
1.1

Mechanical Properties

SAW Wire	AWS A5.17	Yield Strength (N/mm^2)	Tensile Strength (N/mm^2)	Elongation ((Lo=5do) (%))	Impact Strength ISO-V(J)	
					0°C	-20°C
S1	F6AZ-EL12	370	480	30	55	---
S2	F7A0-EM12	410	490	32	---	50
S2Si	F7A0-EM12K	420	510	29	---	50

Chemical Compositon of Weld Metal - % (Typical)

SAW Wire	C	Si	Mn
S1	0.06	0.30	0.90
S2	0.10	0.35	1.20
S2Si	0.07	0.40	1.30

Features and Applications

- Agglomerated aluminate-basic type welding flux.
- Especially suitable for singlepass joining and fillet welding of LPG cylinders, welded spiral pipes (with S2 combination up to X52 pipe), general constructions, steels, boiler plates and ship plates.
- The weld bead looks more like a rutile type weld bead.
- Easy removable slag.
- Before using: The welding flux should be dried 2h between 300°C - 350°C.

Operating Data

Product Code	Package Weight (Kg)	Package Type
3010800026	25	Kraft Bag

Approvals: CE, SEPRO