



SAW FLUX AV EZEWELD 167

CLASSIFICATION

Flux & Wire combination

AV EZEWELD Flux 167 - EA2

AV EZEWELD Flux 167 - EM12K

SPECIFICATION

ASME BPVC SEC II C SFA 5.17 / 5.23

AWS A5.23 F7AO - EA2

AWS A5.17 F7A2 – EM12K

Description

AV EZEWELD 167 weld deposits are usually low carbon, fairly high manganese content. The slower freezing of slag gives good appearance on large flat fillet welds using either constant or variable voltage power sources.

Typical Application

AV EZEWELD 167 can be used for Fillet and single/multi pass butt welding of mild, medium and high tensile steel. The required strength of weld metal is achieved by proper selection of alloyed wire. It is used for narrow gap welding due to superior slag detachability and smooth blending of weld bead with side walls.

Typical all weld metal chemical and mechanical properties

AV EZEWELD 167	Chemical Properties			Mechanical Properties			
	C	Mn	Si	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elonga- tion %	Impact Value Charpy
EA2	0.06	1.20	0.80	490	580	27	42J at 0°C
EM12K	0.07	1.30	0.25	480	580	26	50J at -20°C

Note on Usage

Redry Flux at 300-350 °C for 2 hours before use

Packaging data

Poly Lined HDPE Bags - Weight 25 Kg (standard)

HDPE Bags in Jumbo Bag - Weight 1 MT (40 bags x 25 Kg each)

HDPE Bags on palette - Weight 1/1.25 MT (40/50 bags x 25 Kg each)