



EWB[®] – ER CuAl-A1 MIG / TIG Welding Wires

Classifications:

AWS A5.7: ERCuAl-A1

ISO 24373: CuAl7

Typical Chemistry Composition of Weld Deposit (%):

Cu	Al	Ni	Mn	Others
Balance	8.50 – 9.50	4.00 – 5.00	1.00 – 2.00	<0.50

Description & Applications:

- CuAl alloys, for example Al-bronze with 7-9% Al, copper and copper alloys.
- As a first layer for weld surfacing on low and unalloyed steels as well cast iron, pulsed arc welding is recommended.
- It is very resistant to corrosion and wear.
- Preheating is recommended for large work pieces.

Typical Mechanical Properties:

Tensile Strength (N/mm ²)	Elongation (%)	Hardness (HB)
430	40	100

Welding Parameters:

Wire Diameter (Ø in mm)	0.80	1.00	1.20
Current (A)	60 – 165	80 – 210	150 – 320
Voltage (V)	13 – 17.5	12.5 – 18	16 – 29

Packing Available:-

MIG/MAG Wire (Ø in mm): 0.80 / 1.00 / 1.20

TIG Wire (Ø in mm): 1.60 / 2.40 / 3.20 / 4.00

EWB Weld

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An ISO 9001:2015 Quality Management System Certified Co.