



EWB[®] – ER CuNiAl MIG / TIG Welding Wires

Classifications:

AWS A5.7: ERCuNiAl

ISO 24373: CuAl9Ni5Fe3Mn2

Typical Chemistry Composition of Weld Deposit (%):

Cu	Al	Ni	Fe	Mn	Others
Balance	8.50 – 9.50	4.00 – 5.00	3.00 – 3.50	1.00 – 2.00	<0.50

Description:

- For the welding of nickel- aluminum- bronze cast and forge parts in shipbuilding (e.g. ship propeller), for powerplants including valves, sifter, pumps, tube systems as well as for the apparatus engineering and food receptacle. Weld surfacing on steel and AlBz including multi alloys.
- The welding material is seawater-, corrosion- and wear- resistant (e.g. when seawater, cavitation and erosion are simultaneously affecting the welding material).

Typical Mechanical Properties:

Tensile Strength (N/mm ²)	Elongation (%)	Hardness (HB)
120	20	Min. 200

Shielding Gas: Ar

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

A-112, DDA Sheds Okhla Industrial Area,
Phase-II, NEW DELHI – 110 020

e-mail: info@ewbweld.com web: www.ewbweld.com

An ISO 9001:2015 Quality Management System Certified Co.