



EWB[®] 617

MIG / TIG Welding Wires

Classifications:

ISO 18274: NiCr22Co12Mo9/Ni 6617
W.Nr.: 2.4663

AWS A5.14/ASME A5.14: ERNiCrCoMo-1

Typical Chemistry Composition of Weld Deposit:

C	Si	Mn	Cr	Ni	Mo	Fe	Cu
<0.15	<1.00	<1.00	20.00 – 24.00	Remainder	8.00 – 10.00	<3.00	<0.50

Description:

- EWB[®] 617 is a nickel-chrome-cobalt-molybdenum alloy of type alloy 617.
- It has an excellent resistance to high temperature corrosion such as oxidation and carburization.
- It is used for welding of nickel-chrome-cobalt-molybdenum alloys, as well as between themselves and dissimilar metals such as stainless, carbon or low alloy steels.
- It is also used for overlay welding where similar chemical composition is desired.

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
510	770	37

Packing Available:

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.