



EWB[®] 82

MIG / TIG Welding Wires

Classifications:

ISO 18274: NiCr20Mn3Nb / Ni 6082
AWS A5.14/ASME SFA-5.14: ERNiCr-3

Typical Chemistry Composition of Weld Deposit:

C	Si	Mn	Cr	Ni	Fe	Cu	Nb+Ta
<0.10	<0.50	2.50 – 3.50	18.00 – 22.00	> 67.00	<3.00	<0.50	2.00 – 3.00

Description:

- EWB[®] 82 is a filler material for joining NiCrFe alloys used at cryogenic temperatures, stainless steels to carbon steels, high service temperature NiCu alloys to carbon steels and NiCu alloys to nickel alloys.
- EWB[®] 82 can be used in air up to 1175°C (2145°F) and in sulphur dioxide atmospheres up to 800°C (1470°F).

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
390	660	45

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.