



ENAR WELD BRAZE PVT. LTD

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SANICRO 54

Classifications:

ISO 18274: NiCr21Mo13Fe4W3/Ni 6022
AWS A5.14/ASME SFA-5.14: ERNiCrMo-10
W.Nr.: 2.4602

Typical Chemistry Composition of Weld Deposit:

C	Si	Mn	Cr	Ni	Mo	Fe	Cu
<0.015	<0.08	<0.50	20.00 – 22.50	Remainder	12.50 – 14.50	2.00 – 6.00	<0.50

Description:

Sanicro 54 is a nickel-chrome-molybdenum alloy of type alloy C-22. It is a versatile alloy with excellent wet corrosion resistance in oxidizing and reducing media. It has better overall corrosion resistance than other Ni-Cr-Mo alloys such as alloy UNS N10276 (2.4819) and alloy UNS N06626 (2.4856)

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
500	770	45