



ENAR WELD BRAZE PVT. LTD

A-112, DDA INDUSTRIAL SHEDS,
OKHLA INDUSTRIAL AREA, PHASE – II
NEW DELHI – 110020

Telephone : 011-26383911/12/13
Fax : 011-26383913
E-Mail : info@enarweld.com

SANICRO 53

Classifications:

ISO 18274: NiCr22Co12Mo9/Ni 6617
AWS A5.14/ASME A5.14: ERNiCrCoMo-1
W.Nr.: 2.4663

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:

Sanicro 53 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. The weld metal provides a combination of excellent metallurgical stability and strength in short and long term exposure to temperatures up to 1100°C (2012°F).

Typical Mechanical Properties:

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