



**ENAR WELD BRAZE PVT. LTD**

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**SANICRO 59**

**Classifications:**

ISO 18274: NiCr23Mo16/Ni 6059  
AWS A5.14/ASME SFA-5.14: ERNiCrMo-13  
W.Nr.: 2.4605

**Typical Chemistry Composition of Weld Deposit:**

C	Si	Mn	Cr	Ni	Mo	Fe	Al
<0.01	<0.05	<0.10	25.00	Remainder	15.00	<0.20	<0.30

**Description:**

Sanicro 59 is a nickel-chrome-molybdenum alloy of type alloy 59. It is a versatile alloy with excellent wet corrosion resistance for the most demanding applications. It combines excellent corrosion resistance in oxidizing and reducing media, has excellent resistance in chloride containing media and to localized corrosion environments. Sanicro 59 has excellent thermal stability compared to other common nickel alloys and has therefore outstanding resistance to intermetallic precipitation during welding.

**Typical Mechanical Properties:**

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
470	750	40