



## ENAR WELD BRAZE PVT. LTD

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### SANICRO 72HP

#### 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:

Sanicro 72HP is filler material for joining NiCrFe alloys, 9% Ni steels used at cryogenic temperatures, stainless steels to carbon steels, high service temperature NiCu alloys to carbon steels and NiCu alloys to nickel alloys. Sanicro 72HP 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