



ENAR WELD BRAZE PVT. LTD

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VENUS – ER 312

Classifications:

EN ISO 14343-B: 2007: SS 312
AWS A5.9-07: ER312

KS D 7026: 2005: Y312
JIS Z 3321: 2008: Y312

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mn	Si
0.08 – 0.15	28.00 – 32.00	8.00 – 10.50	1.00 - 2.50	0.30 – 0.65

Description:

- TIG welding of 29%Cr-9%Ni STS and dissimilar steels such as 304L to mild steels or low alloy steels.

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
min. 450	min. 660	min. 22