



## ENAR WELD BRAZE PVT. LTD

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## VENUS – ER 316

### Classifications:

EN ISO 14343-B: 2007: SS 316  
AWS A5.9-07: ER316

KS D 7026: 2005: Y316  
JIS Z 3321: 2008: Y316

### Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mn	Si	Mo
<0.08	18.00 – 20.00	11.00 – 14.00	1.00 - 2.50	0.30 – 0.65	2.00 - 3.00

### Description:

- TIG welding of 18%Cr-12%Ni-2%Mo austenite stainless steels (AISI STS 316)

### Typical Mechanical Properties:

Yield Strength  
(Mpa)  
min. 320

Tensile Strength  
(Mpa)  
min. 490

Elongation  
(%)  
min. 30