



ENAR WELD BRAZE PVT. LTD

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VENUS – ER 316LSi

Classifications:

EN ISO 14343-A: 2007: W 19 12 3 L Si
EN ISO 14343-B: 2007: SS 316LSi

AWS A5.9-07: ER316LSi

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mn	Si	Mo
<0.03	18.00 – 20.00	11.00 – 14.00	1.00 - 2.50	0.65 – 1.00	3.00 – 4.00

Description:

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

Typical Mechanical Properties:

Yield Strength
(Mpa)
min. 320

Tensile Strength
(Mpa)
min. 490

Elongation
(%)
min. 30