



VENUS – 307Si TIG / MIG / SAW Welding Filler Wires

Classifications:

EN ISO 14343-A:2007 : G 18 8 Mn Si

AWS A5.9: ER307 (mod.)

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mn	Si
<0.08	17.00 – 19.00	7.00 – 9.00	6.00 – 8.00	<0.90

Description:

- TIG/MIG welding of 18%Cr-8%Ni-7%Mn austenite stainless steels.

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
min. 350	min. 590	min. 25

Packaging:

MIG/MAG Wire (Ø in mm): 0.80 / 1.00 / 1.20 MM in 12.50 Kg Spools / 125 Kg Drums

TIG Wire (Ø in mm): 0.80 / 1.00 / 1.20 / 1.60 / 2.00 / 2.40 / 3.20 / 4.00 MM

SAW Wire (Ø in mm): 1.60 / 2.00 / 2.40 / 3.20 / 4.00 / 5.00 MM



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