



VENUS - ER 312 TIG / MIG / SAW Welding Filler Wires

Classifications:

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

KS D 7026: Y312
JIS Z 3321: Y312

Typical Chemistry Composition of Weld Deposit:

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

Description:

- For dissimilar Welding of Austenitic Stainless Steels to mild or low-alloyed steels. It is also used for welding difficult to weld hardened steel, tool steels and general engineering steels.

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
min. 700	min. 600	min. 20

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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