



EWB[®] – ER 312 MIG / TIG Welding Wires

Classifications:

EN ISO 14343-B:2007 : SS 312
AWS A5.9: ER310

Material No. 1.4337

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mo	Mn	Si
<0.15	28.00 – 32.00	8.00 – 10.50	<0.75	1.00 - 2.50	0.30 – 0.65

Description:

- MIG / 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. 320	min. 550	min. 35

Welding Parameters:

Wire Diameter (Ø in mm)	0.80	1.00	1.20
Pulsed Arc (A)	100 - 150	120 - 200	140 - 220
Voltage (V)	22 - 27	24 - 28	24 - 28

Packing Available:-

MIG/MAG Wire (Ø in mm): 0.80 / 1.00 / 1.20

TIG Wire (Ø in mm): 1.60 / 2.40 / 3.20 / 4.00

EWB Weld

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