



EWB[®] – ER 318Si MIG / TIG Welding Wires

Classifications:

EN ISO 14343-A:2007 : G 19 12 3 Nb Si

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mo	Mn	Si
<0.04	18.00 – 19.00	12.00 – 13.00	2.00 – 3.00	1.00 - 2.50	0.65 – 1.00

Description:

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

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
min. 350	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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An ISO 9001:2015 Quality Management System Certified Co.