



## EWB<sup>®</sup> – 307 Si MIG / TIG Welding Wires

### Classifications:

EN ISO 14343-A:2007 : G 18 8 Mn Si  
AWS A5.9: ER307 (Mod.)

Material No. 1.4370

### 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:

- MIG / TIG 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

### 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

A-112, DDA Sheds Okhla Industrial Area,  
Phase-II, NEW DELHI – 110 020

e-mail: [info@ewbweld.com](mailto:info@ewbweld.com) web: [www.ewbweld.com](http://www.ewbweld.com)

**An ISO 9001:2015 Quality Management System Certified Co.**