



## **Zerock E88L**

### **Stainless Steel Electrodes**

#### ◆ **Description:**

Extra low carbon lime titania stainless steel welding electrode suitable for weld high acid and temperature up to 600°C. Improves for corrosion resistance as well as increased creep strength. It is added to stainless steels to increase their resistance to corrosion and is also used in high speed tool steels.

#### ◆ **Applications:**

Welding of AISI 316L used in petrochemical, chemical, textile and paper industries.

#### ◆ **Classification:**

AWS E316L-16

#### ◆ **Typical Chemical Composition of Deposited Metal (%):**

<u>C</u>	<u>Mn</u>	<u>Si</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>Ni</u>	<u>Mo</u>	<u>Cu</u>
0.031	0.99	0.74	0.010	0.025	18.90	12.10	3.0	0.03

#### ◆ **Mechanical Properties of Deposited Metal:**

Tensile Strength	575 Mpa
Elongation	35%
Hardness	16HRC

#### ◆ **Type of Current:**

AC or DC

#### ◆ **Amperages Setting:**

2.5mm	50 – 90
3.2mm	100 - 130
4.0mm	130 – 160