

## Stainless Steel Welding Electrodes

### **CROMALLOY-309**

#### **AWS CLASSIFICATION**

E-309-16

#### **IS CLASSIFICATION**

E23.12R26

#### **APPLICATIONS**

Recommended for welding AISI 309 grade, welding dissimilar steel such as joining carbon and low alloy steel to stainless steels 18-8 clad steels and for under laying on mild steel for hardfacing.

#### **CHEMICAL COMPOSITION(%)**

C	MN	SI	S	P	Cr	Ni	Mo	Cu	Cb	MECHANICAL PROPERTIES ALL WELD METAL	
										TENSILE STRENGTH Mpa(min)	ELONGATION %(min)
0.15	0.50-2.50	1.0 max	0.03	0.04 max	22.0-25.0 max	12.0-14.0 max	0.75	0.75	- max	550.0 max	30.0

