

Stainless Steel Welding Electrodes

CROMALLOY-309L

AWS CLASSIFICATION

E-309 L-16

IS CLASSIFICATION

E 23.12 LR 26

APPLICATIONS

Used for welding extra low carbon type 22Cr-12 Ni stainless steel, Joining carbon and low alloy steels to stainless steels and welding of clad surface of stainless clad steel.

CHEMICAL COMPOSITION(%)

| C | MN | SI | S | P | Cr | Ni | Mo | Cu | Cb | MECHANICAL PROPERTIES ALL WELD METAL | |
|-------|-----------|------------|------|-------------|------------------|------------------|------|------|----------|---|----------------------|
| | | | | | | | | | | TENSILE STRENGTH Mpa(min) | ELONGATION %(min) |
| 00.04 | 0.50-0.50 | 1.0 max | 0.03 | 0.04 max | 22.0-25.0 max | 12.0-14.0 max | 0.75 | 0.75 | - max | 520.0 max | 30.0 |

