

Stainless Steel Welding Electrodes

CROMALLOY - D

AWS CLASSIFICATION

E 318-16

IS CLASSIFICATION

E19.12.2Nb R26

APPLICATIONS

Welding of chemical plant which are exposed to non-oxidizing acid such as sulphuric acid, sulphurous acid, phosphoric acid and other acids such as hydrochloric, acetic, formic, citric, tartaric acids, dyeing equipment, pickling plant and for welding of AISI 316 & AISI 318 type corrosion resisting stainless steels.

CHEMICAL COMPOSITION(%)

| C | MN | SI | S | P | Cr | Ni | Mo | Cu | Cb | MECHANICAL PROPERTIES ALL WELD METAL | |
|------|-----------|------------|------|-------------|------------------|------------------|---------|------|--------------|---|----------------------|
| | | | | | | | | | | TENSILE STRENGTH Mpa(min) | ELONGATION %(min) |
| 0.08 | 0.50-2.50 | 1.0 max | 0.03 | 0.04 max | 17.0-20.0 max | 11.0-14.0 max | 2.0-3.0 | 0.75 | 6 x C min to | 550.0 max | 25.0 1%max |

