

TIG MIG Stainless Steel Filler Wires

SUPER TIG 318

AWS CLASSIFICATION

ER 318

APPLICATIONS

Cr-Ni-Mo alloyed cb - stabilized stainless steel welding wire, suitable for welding of similar alloyed stabilized and non stabilized stainless steel. The weld metal produced by this filler wire is resistant to inter crystalline corrosion.

TYPICAL CHEMICAL COMPOSITION (%)

| C | Mn | Si | S | P | Cr | Ni | Mo | Cu |
|-------------------|---------|-----------|--------------|--------------|-----------|-----------|---------|--------------|
| 0.08-0.15 Max. | 1.0-2.5 | 0.30-0.65 | 0.03 Max. | 0.03 Max. | 18.0-20.0 | 11.0-14.0 | 2.0-3.0 | 0.75 Max. |

MECHANICAL PROPERTIES (ALL WELD METAL) (min - values)

| Others | UTS | Elongation |
|-----------------------|-----|------------|
| Cb=8xC min -1.0max | 550 | 25 |

