

T316-L



Typical Applications:

Welding of austenitic stainless alloys of the 18%Cr-12%Ni-Mo low carbon types.
The alloy has particularly good corrosio-resistance and heat-res.

Typical chemical composition wire (%)

| C | Si | Mn | Ni | Cr | Mo |
|------|------|------|-------|-------|------|
| 0.02 | 0.76 | 1.85 | 12.20 | 18.70 | 2.30 |

Typical mechanical properties of all weld metal

| Shielding Gas | T - S N/mm2 {kgf/mm ² } | El (%) | IV (J) |
|---------------|---------------------------------------|-----------|-----------------------|
| Ar | 560 {57} | 40 | 0°C:150 -196 °C:50 |

TIG
Wire for
stainless steel

Package:

| | | | | | | | |
|--------------|----------|-----|-----|-------------|-----|-----|-----|
| Dia. (mm) | 1.2 | 1.6 | 2.0 | 2.4 | 2.6 | 3.2 | 4.0 |
| Spool (kg) | 5 | | | | | | |
| Length. (mm) | 200 -250 | | | 200,250,300 | | | |