

FOR STAINLESS STEEL

AWS ER347
JIS Y347

T-347

Typical applications

Welding of stainless alloys of the 18%Cr-9%Ni-Nb(Ti) types (STS 321, 347)
Nb component improves the resistance to intergranular corrosion of the weld metal.

Typical chemical composition of rod (%)

| C | Si | Mn | Ni | Cr | Nb+Ta |
|------|------|------|------|-------|-------|
| 0.05 | 0.46 | 2.24 | 9.30 | 19.30 | 0.60 |

Typical mechanical properties of all-weld-metal

| Shielding Gas | T · S | EI (%) | IV (J) |
|---------------|--|-----------|---------------------|
| | N/mm ² {kgf/mm ² } | | |
| Ar | 630 {64} | 40 | 0°C:90 -196°C:36 |

Package

| Dia. (mm) | 1.2 | 1.6 | 2.0 | 2.4 | 2.6 | 3.2 | 4.0 |
|--------------|------|-----|-----|-----|-----|-----|-----|
| Weight. (kg) | 5 | | | | | | |
| Length. (mm) | 1000 | | | | | | |

Approved by