# CEWELD 309LSi Tig

certilas® THE FILLER METAL SPECIALIST

| | |
|---|---|
| TYPE | Roestvaststalen toevoegmateriaal voor ongelijksoortig lassen tussen staal en roestvast staal |
| TOEPASSINGEN | Bufferlagen voor hardfacing, ongelijke verbindingen tussen ferritische en austenitische staalsoorten. |
| EIGENSCHAPPEN | Hoge mechanische eigenschappen en zeer goede lasbaarheid dankzij een verhoogd siliciumgehalte, geschikt voor bedrijfstemperaturen tot 300 °C. |

CLASSIFICATIE

| | |
|---|---|
| AWS | A 5.9: ER309LSi |
| EN ISO | 14343-A: W 23 12 L Si |
| W.Nr. | 1.4432 |
| F-nr | 6 |
| FM | 5 |

GESCHIKT VOOR

**ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21-30, 23% Cr, 12%Ni Type**
**ISO 15608: Gr. 8.1 mix 1.1, 1.2, 1.3, 2.1, 2.2, 3.1 , 3.2**
1.2780, 1.4541, 1.4550, **1.4710, 1.4712,** 1.4713, 1.4724, 1.4729, 1.4740, 1.4741, 1.4742, 1.4746, 1.4762, 1.4745, **1.4825, 1.4826, 1.4828, 1.4832, 1.4878,**
X15CrNiSi20 12, G-X 40 CrNiSi20 9,
AISI 446, AISI442, AISI309,
UNS S30900, S44200, S44600

GOEDKEURINGEN: TÜV: TÜV (12394.00), CE

LASPOSITIES


TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

| C | Si | Mn | P | S | Cr | Ni |
|---|---|---|---|---|---|---|
| 0.02 | 0.7 | 1.7 | 0.01 | 0.01 | 24 | 13 |

MECHANISCHE WAARDEN

| Heat Treatment | $R_{P0,2}$ (MPa) | Rm (MPa) | A5 (%) | Impact Energy (J) ISO-V | | Hardness |
|---|---|---|---|---|---|---|
| | | | | RT | -196°C | |
| As Welded | 535 | 640 | 37 | 140 | 50 | HRc |

HERDROGEN: Not required

GAS ACC. EN ISO 14175: I1

# CEWELD 309LSi Tig

certilas® THE FILLER METAL SPECIALIST

309LSI TIG 1,0 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663413987 |

309LSI TIG 1,2 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663414007 |

309LSI TIG 1,6 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663413994 |

309LSI TIG 1,6 X 500MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663414014 |

309LSI TIG 2,0 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663414021 |

309LSI TIG 2,0 X 500MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663414045 |

309LSI TIG 2,4 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663414069 |

309LSI TIG 2,4 X 500MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663414083 |

309LSI TIG 3,2 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663414090 |

309LSI TIG 4,0 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663414182 |