

CEWELD 309LSi Tig

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|----------------|--|-----------------------|
| TYPE | Fil de soudage 309LSi, acier inoxydable pour le soudage de matériaux dissimilaires | |
| APPLICATIONS | Sous-couches avant rechargement, soudure dissimilaires entre l'acier et l'acier inoxydable, acier difficile à souder, etc. | |
| PROPRIÉTÉS | Propriétés mécaniques élevées et très bonne soudabilité grâce à la teneur en silicium, adaptées à des températures de service jusqu'à 300°C. | |
| CLASSIFICATION | AWS | A 5.9: ER309LSi |
| | EN ISO | 14343-A: W 23 12 L Si |
| | W.Nr. | 1.4432 |
| | F-nr | 6 |
| | FM | 5 |

CONVIENT POUR **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

AGRÉMENTS TÜV: TÜV (12394.00), CE

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

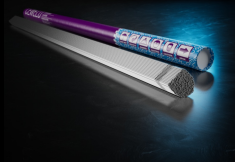
| C | Si | Mn | P | S | Cr | Ni |
|------|-----|-----|------|------|----|----|
| 0.02 | 0.7 | 1.7 | 0.01 | 0.01 | 24 | 13 |

PROPRIÉTÉS MÉCANIQUES

| Heat Treatment | R _{P0,2} (MPa) | R _m (MPa) | A ₅ (%) | Impact Energy (J) ISO-V | | Hardness |
|----------------|-------------------------|----------------------|--------------------|-------------------------|--------|----------|
| | | | | RT | -196°C | |
| As Welded | 535 | 640 | 37 | 140 | 50 | HRC |

ETUVAGE Not requis

GAS ACC. EN ISO 14175 11



CEWELD 309LSi Tig

| | | | |
|-------------------------|-----------|---------|---------------|
| 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 |