# CEWELD CuSi3 Tig

certilas® THE FILLER METAL SPECIALIST

**TYPE**

Copper-Silicon welding wire for Tig welding

**ANWENDUNGEN**

Welding thin plates and or galvanized plates in the car industry and also for cladding CuMn, CuSiMn and CuZn alloys. Suitable for cladding cast iron and un- and low alloyed steels. Examples: Automobile industry, art work, cladding on steel, cast iron and copper alloys etc.

**EIGENSCHAFTEN**

• High quality alloyed copper wire for the Tig process (Mig brazing as well) • The weld metal is a Copper- Silicon bronze • Sound, pore free deposits on ferrous and non-ferrous base materials • Excellent corrosion resistance

**KLASSIFIKATION**

| | |
|---|---|
| AWS | A 5.7: ERCuSi-A |
| EN ISO | 24373: Cu 6560 / CuSi3Mn1 |
| W.Nr. | 2.1461 |
| F-nr | 32 |

**GEEIGNET FÜR**

Welding thin steel plates and or galvanized plates in the car industry and also for cladding CuMn, CuSiMn and CuZn alloys. Suitable for cladding cast iron and un- and low alloyed steels.
Sislicon Alloy:
2.0220 - CuZn 5,
2.0230 - CuZn 10,
2.0240 - CuZn 15,
2.1322 - CuMg 0,4,
2.1323 - CuMg 0,7

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**


**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

| Si | Mn | Cu |
|---|---|---|
| 2.95 | 0.9 | Rem. |

**MECHANISCHE GÜTEWERTE**

| Heat Treatment | $R_{P0,2}$ (MPa) | Rm (MPa) | A5 (%) | Hardness |
|---|---|---|---|---|
| As Welded | | 350 | | 80 HB |

**RÜCKTROCKNUNG**

Not required

**GAS ACC. EN ISO 14175**

I1, I3



# CEWELD CuSi3 Tig

CUSI3 TIG 1,6 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663408310 |

CUSI3 TIG 2,0 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663408327 |

CUSI3 TIG 2,4 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663408334 |

CUSI3 TIG 3,0 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663408341 |

CUSI3 TIG 3,2 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663408358 |

CUSI3 TIG 4,0 X 1000MM

| Packaging | KG/unit | EanCode |
|---|---|---|
| Tube | 5 | 8720663408365 |