



CLASSIFICATION:

DIN EN 14700 T Z Fe7

AWS-No. 410

GENERAL CHARACTERISTICS:

The tough and corrosion resistant overlay which is well suited for parts that encounter wear from sea water plant and power plant operation. This acid corrosion resistant wire has a 13% Cr- content which forms the wearing analysis with a low Carbon content of 0,12%. Possible for the base layer of continuous casting rolls.

APPLICATION:

Bridge bearings, sealing surfaces for service temperatures up to 450°C, corrosion slide ring sealing, roller bearings, valves, continuous casting rolls, Cr- alloying buffer layers.

TYPICAL ALL WELD METAL ANALYSIS (%):

| С | Si | Mn | Cr | Ni | Ti |
|------|-----|-----|------|----|----|
| 0,12 | 0,8 | 1,2 | 14,5 | + | + |

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 300 - 360 HB

PARAMETER:

| Diameter | Voltage | Amps |
|----------|---------|-----------|
| 1,2 | 20 - 24 | 150 - 200 |
| 1,6 | 22 - 26 | 180 - 240 |
| 2,0 | 25 - 27 | 220 - 260 |
| 2,4 | 25 - 27 | 260 - 300 |
| 2,8 | 26 - 28 | 280 - 340 |

FORMS OF DELIVERY:

| Coil "BS 300" = 15 kg | Coil "BS 450" = 25 kg | Drums = 300 kg |
|-----------------------|-----------------------|-----------------|
|-----------------------|-----------------------|-----------------|

OA = gasless, G = gas shielded, SA = Submerged Arc

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Corodur Fülldraht GmbH may change the characteristics of the wire without notice. Statements on composition and application are just for the applier's information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. We recommend the applier to check our products for their special application autonomously.