



# CEWELD OA 550-VW

TYPE

ANWENDUNGEN

EIGENSCHAFTEN

KLASSIFIKATION

GEEIGNET FÜR

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)

MECHANISCHE GÜTEWERTE

RÜCKTROCKNUNG

GAS ACC. EN ISO 14175

Medium -alloyed tubular wire on a C-Cr-Mo-W basis for high hardness up to 550°C.

Recommended for parts subject to strong mineral abrasion and erosion, .

Very good abrasion resistance in combination with impact even at higher temperatures up to 550°C. To much layers should be avoided, preheat is necessary to avoid cracking. A buffer layer with OA 4370 or OA MnCr is recommended in case of sensible basematerial or old layers. Weldable without protective gas.

EN ISO  
DIN

14700: T Fe6  
8555: MF 6-60-PT

HRc 55-58, Cement pumps, crusher bars, hammer and blooming table rolls, mineral and brick industry.

PA

PB

| C    | Si  | Mn  | Cr | Mo  | V   | Fe   | W   |
|------|-----|-----|----|-----|-----|------|-----|
| 0.55 | 0.9 | 2.8 | 7  | 1.6 | 1.8 | Rem. | 0.9 |

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 55 HRc   |

140°C / 24 hr



# CEWELD OA 550-VW

|                 |           |         |               |
|-----------------|-----------|---------|---------------|
| OA 550-VW 1,2MM | Packaging | KG/unit | EanCode       |
|                 | BS-300    | 15      | 8720663403315 |
| OA 550-VW 1,6MM | Packaging | KG/unit | EanCode       |
|                 | BS-300    | 15      | 8720663403490 |
| OA 550-VW 2,8MM | Packaging | KG/unit | EanCode       |
|                 | BS-300    | 15      | 8720663403414 |