



# CEWELD AA DUR 21

**TYPE** Cobalt based fluxcored wire for cladding against metal to metal wear, thermal shock and erosion.

**ANWENDUNGEN** Solving wear problems against chemicals, erosion, corrosion, high temperatures, abrasion and combinations of those.

**EIGENSCHAFTEN** Excellent gliding properties against metal to metal wear due to low friction, Excellent against erosion and corrosion at high working temperatures upto 900°C. Crack free hard facing deposit against severe shock and impact.

**KLASSIFIKATION**

|        |                         |
|--------|-------------------------|
| AWS    | A 5.21: ERCCoCr-E       |
| EN ISO | 14700: T Co1            |
| DIN    | 8555: MSG 20-GF-350-CTZ |
| F-nr   | 73                      |

**GEEIGNET FÜR**

CoCr-E  
Co1  
Celist 721

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**



**TYPISCHE CHEMISCHE  
ANALYSE DES  
SCHWEISSMETALLS (%)**

| C    | Si   | Mn | Cr | Ni | Mo | Fe  | Co   |
|------|------|----|----|----|----|-----|------|
| 0.27 | 1.25 | 1  | 28 | 3  | 5  | 3.5 | Rem. |

**MECHANISCHE GÜTEWERTE**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 30 HRc   |

**RÜCKTROCKNUNG** 140°C / 24 hr

**GAS ACC. EN ISO 14175** M13



# CEWELD AA DUR 21

AA DUR 21 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663402479 |

AA DUR 21 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663402486 |