



# CEWELD AA DUR 1

**TYPE** Cobalt-based fluxcored wire with high abrasion and corrosion resistance.

**ANWENDUNGEN** Pump sleeves, expeller screws, plastic recycling, mixer blades for rubber, valves, seats etc..

**EIGENSCHAFTEN** CEWELD AA DUR 1 deposits a cobalt-base alloy with an austenitic-ledeburitic structure. This is the hardest of the standard cobalt-base alloys. It has a high resistance to corrosion (especially to reducing acids and impact), extreme wear and temperature shocks. The alloy is only machinable by grinding. Best used on wear pads, rotary seal rings, pump sleeves and centerless grinder work rests.

**KLASSIFIKATION**

|        |                        |
|--------|------------------------|
| AWS    | A 5.21: ERCCoCr-C      |
| EN ISO | 14700: T Co3           |
| DIN    | 8555: MSG 20-GF-55-CTZ |
| F-nr   | 71                     |

**GEEIGNET FÜR** ER CoCr-C / Co3  
Stellite 1

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**



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

| C   | Si | Mn  | Cr | Mo    | Fe | W  | Co   |
|-----|----|-----|----|-------|----|----|------|
| 2.5 | 1  | 0.1 | 29 | 0.002 | 3  | 11 | Rem. |

**MECHANISCHE GÜTEWERTE**

| Heat Treatment | R <sub>p0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 53 HRc   |

**RÜCKTROCKNUNG** 140°C / 24 hr

**GAS ACC. EN ISO 14175** M13



# CEWELD AA DUR 1

AA DUR 1 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663401991 |
| BS-300    | 15      | 8720663402004 |