

# CEWELD AA DUR 800

**TYPE** High Molybdenum Cobalt based fluxcored wire for overlay welding against high temperature wear, thermal shock and erosion.

**APPLICATIONS** Metal forming, high temperatures, punching dies seamless pipe manufacturing, mechanical seals, valve seats and trims.

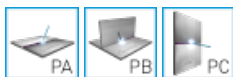
**PROPERTIES** Excellent gliding properties against metal to metal wear due to its low friction, Excellent against erosion, corrosion and galling. The alloy is high temperature resistant up to 1000°C and can resist severe shock and impact at these temperatures.

**CLASSIFICATION** AWS A 5.21: ERCCoCr-A  
EN ISO 14700: ~E Co1

**SUITABLE FOR** Cladding seats and valves in extreme high temperaure engines, hot sharing blades, hot punching dies, extrusion parts

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

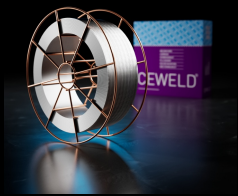
| C    | Si  | Cr | Ni  | Mo | Fe | Co   |
|------|-----|----|-----|----|----|------|
| 0.03 | 0.3 | 17 | 2.4 | 22 | 3  | Rem. |

**MECHANICAL PROPERTIES**

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

**REDRYING** Not required

**GAS ACC. EN ISO 14175** M13



# CEWELD AA DUR 800

AA DUR 800 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663424532 |