



# CEWELD SACW DUR 21

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

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

**PROPERTIES** 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 thermal shock and impact. To be used with fused flux CEWELD® FL 880.

**CLASSIFICATION** EN ISO 14700: T Co1

**SUITABLE FOR** Cladding seats and valves in chemical industry, hot sharing blades, extrusion parts, coke hammers, turbine injectors, gas and steam turbine parts.

**APPROVALS**

**WELDING POSITIONS**



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

| C    | Si  | Mn | Cr | Ni  | Mo | Fe  | Co   |
|------|-----|----|----|-----|----|-----|------|
| 0.27 | 1.2 | 1  | 28 | 2.5 | 5  | 3.5 | Rem. |

**MECHANICAL PROPERTIES**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded      |                         |                      |        | 30 HRc   |

**REDRYING** 140°C / 24 hr

**GAS ACC. EN ISO 14175**



# CEWELD SACW DUR 21

SACW DUR 21 2,4MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| K-415     | 25      | 8720663417336 |