



# CEWELD AA DUR 21

**TYPE** Cobalt based fluxcored wire for cladding against metal to metal wear, thermal shock and erosion. (Stellite 21)

**APPLICATIONS** Solving wear problems against chemicals, erosion, corrosion, high temperatures, abrasion and combinations of those. Cladding seats and valves in chemical industry, hot sharing blades, extrusion parts, coke hammers, turbine injectors, gas and steam turbine parts.

**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 shock and impact.

**CLASSIFICATION**

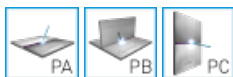
AWS	A 5.21: ERCCoCr-E
EN ISO	14700: T Co1
DIN	8555: MSG 20-GF-350-CTZ
F-nr	73

**SUITABLE FOR**

CoCr-E  
Co1  
Celist 721

**APPROVALS**

**WELDING POSITIONS**



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

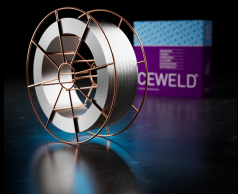
C	Si	Mn	Cr	Ni	Mo	Fe	Co
0.27	1.25	1	28	3	5	3.5	Rem.

**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** 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