



# 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: ERCoCr-C  
 EN ISO 14700: T Co2  
 DIN 8555: MSG 20-GF-55-CTZ  
 F-nr 71

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

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**



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

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