



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 _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				53 HRc

RÜCKTROCKNUNG 140°C / 24 hr

GAS ACC. EN ISO 14175 M13



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AA DUR 1 1,2MM

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