

CEWELD AA DUR 6

TYPE Cobalt based (Stellite 6) fluxcored welding wire (FCAW) for overlay welding

APPLICATIONS Cladding valves, Steam-valves, high temperature liquid pumps, hot cutting tools, exhaust valves, seats, cutting knives, metal to metal wear, bearing surfaces, chemical industry, hot shear blades etc. Cladding valves, Steam-valves, high temperature liquid pumps, hot cutting tools, exhaust valves, seats, cutting knives, metal to metal wear, bearing surfaces, chemical industry, hot shear blades etc.

PROPERTIES Outstanding alloy against abrasion, thermo-shock and corrosion combined with high temperatures. The weld deposit can be machined with tungsten tool tips and by grinding. The hardness of the weld deposit will decrease 16% at 300°C and about 30% at 600°C. Excellent alloy against thermal shock, abrasion, erosion, corrosion and cavitation at high temperature.

CLASSIFICATION

AWS	A 5.21: ERCoCr-A
EN ISO	14700: T Co2
DIN	8555: MSG 20-GF-40-CTZ
F-nr	71

SUITABLE FOR

ER CoCr-A
Stellite 6
Celist 706

APPROVALS No Approvals Found

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

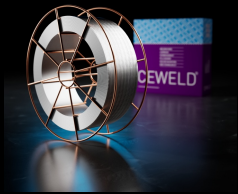
C	Si	Mn	Cr	Ni	Mo	Fe	W	Co
1	1	0.8	28	2	0.01	3	4.5	Rem.

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0.2} MPa	R _m MPa	A ₅ (%)	Hardness Rockwell C
As Welded /				Avg. 43

REDRYING TEMPERATURE 140°C / 24 hr

GAS ACCORDING EN 14175 M13



CEWELD AA DUR 6

AA DUR 6 0,8MM

Type	KG/unit	EANCode
BS-300	15	8720663402011

AA DUR 6 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663402028

AA DUR 6 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663402042