CEWELD AA CrCoMo 46

certilas® THE FILLER METAL SPECIALIST

TYPE

High-alloyed tubular wire on a Cr-Co-Mo basis for high temperature applications.

ANWENDUNGEN

The characteristics of the deposit are comparable with cobalt-base alloys in terms of thermal shock and corrosion resistance that makes this alloy aplicable for overlaying parts that are subject to high temperatures combined with corrosion attack, wear and thermal shock combinations. AA CrCoMo 46 can be used as intermediate layer against metal to metal wear at high pressure loads.

EIGENSCHAFTEN

Very good corrosion resistance combined with excelent hardness properties at temperatures upto 650°C. Scale resistant till 900°C and excellent strength at high working temperatures. Excellent weldability and often used as economical alternative for „stellite“
Best results with I1 (100%Ar) shielding gasses with 2,5-18% CO2 (M12-M20-M21) also possible.

KLASSIFIKATION

EN ISO	14700: T Z Fe3
DIN	8555: MF-3-45-CKTZ

GEEIGNET FÜR

Hot rolling parts for continuous casting, hotpress tools, pump parts, sleeves, mandrels, forging hammers, chemical and glas industry.

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)

C	Mn	Cr	Mo	Co	Si
0.1	0.4	15	3.1	14	0.75

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				50 HRc

RÜCKTROCKNUNG

140°C / 24 hr

GAS ACC. EN ISO 14175

M12, M21, I1, M20

CEWELD AA CrCoMo 46

AA CRCOMO 46 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720682051993

AA CRCOMO 46 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403957