



CEWELD AA CrCoMo 46

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 applicable 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 excellent hardness properties at temperatures up to 650°C. Scale resistant till 900°C and excellent strength at high working temperatures. Excellent weldability and often used as economical alternative for „stellite“

KLASSIFIKATION EN ISO 14700: T Fe3

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

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded				47 HRc

RÜCKTROCKNUNG 140°C / 24 hr

GAS ACC. EN ISO 14175 M21