

# CEWELD AA CrCoMo 46

TYPE

APPLICATIONS

PROPERTIES

CLASSIFICATION

SUITABLE FOR

APPROVALS

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

ALL WELD MECHANICAL PROPERTIES

REDRYING TEMPERATURE

GAS ACCORDING EN 14175

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


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.


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“


EN ISO14700: T Fe3

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

No Approvals Found

PA

PB

PC

Heat Treatment	R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Hardness Rockwell C
As Welded /				Avg. 47

140°C / 24 hr

M21