



CEWELD AA CrCoMo 46

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

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.

PROPERTIES 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"

CLASSIFICATION EN ISO 14700: T Fe3

SUITABLE FOR Hot rolling parts for continuous casting, hotpress tools, pump parts, sleeves, mandrels, forging

hammers, chemical and glas industry.

APPROVALS

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

MECHANICAL PROPERTIES

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

REDRYING 140°C / 24 hr

GAS ACC. EN ISO 14175 M21