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 Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				47 HRc

REDRYING	140°C / 24 hr
GAS ACC. EN ISO 14175	M21