



CEWELD AA CrCoMo 46

TYPE	High-alloyed tubular wire on a Fe-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. CEWELD 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“ Best results with I1 (100%Ar) shielding gasses with 2,5-18% CO2 (M12-M20-M21) also possible.						
CLASSIFICATION	EN ISO DIN	14700: T Fe3 8555: MF-3-45-CKTZ					
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 (%)	C	Mn	Cr	Ni	Mo	Co	Si
	0.2	1.25	14.7	1.45	3.1	12.5	0.75
MECHANICAL PROPERTIES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded					50 HRc	
REDRYING	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