






CEWELD AA NiCrSiB 40

TYPE	High-alloyed tubular wire on a Ni-Cr-Si-B basis for high wear protection in several applications.						
APPLICATIONS	The characteristics of the deposit are comparable with cobalt-base alloys and offers excellent corrosion resistance, heat resistance and thermal shock constancy.						
PROPERTIES	Very good corrosion resistance combined with high hardness even at higher temperatures. Excellent weldability and often used as economical alternative for „stellite“.The alloy is spark free and non magnetic.						
CLASSIFICATION	EN ISO	14700: T Ni1					
SUITABLE FOR	rotary seal rings, pumps, sleeves, food industry, nuclear, screw conveyors, winches.						
APPROVALS	No Approvals Found						
WELDING POSITIONS	<div> PA  PB  PC</div>						
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Ni	Fe	W
	0.35	4.5	0.5	22	80	4	1.5
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)		Hardness Rockwell C	
	As Welded /					Avg. 40	
REDRYING TEMPERATURE	Not required						
GAS ACCORDING EN 14175	I1						