



CEWELD AA NiCrSiB

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 but with higher hardness, excellent corrosion resistance, heat resistance and thermal shock constancy. Chemical, food industries along with nuclear technology.						
PROPERTIES	Very good corrosion resistance combined with high hardness even at higher temperatures. Excellent weldability and often used as economical alternative for „stellite“						
CLASSIFICATION	EN ISO	14700: T Ni1					
SUITABLE FOR	rotary seal rings, pumps, sleeves, grinder parts, chemical and glas industry.						
APPROVALS							
WELDING POSITIONS	  						
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Ni	Fe	B
	0.75	4.2	0.5	13.5	80	3	3
MECHANICAL PROPERTIES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness	
	As Welded					58 HRc	
REDRYING	140°C / 24 hr						
GAS ACC. EN ISO 14175	I1						



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AA NICRSIB 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403322