



# 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** No Approvals Found

**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

**ALL WELD MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Hardness Rockwell C
As Welded /				Avg. 58

**REDRYING TEMPERATURE** 140°C / 24 hr

**GAS ACCORDING EN 14175** I1



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AA NICRSIB 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663403322