



# CEWELD AA NiCrSiB 40

**TYPE** High-alloyed tubular wire on a Ni-Cr-Si-B basis for high wear protection in several applications.

**ANWENDUNGEN** The characteristics of the deposit are comparable with cobalt-base alloys and offers excellent corrosion resistance, heat resistance and thermal shock constancy.

**EIGENSCHAFTEN** 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.

**KLASSIFIKATION** EN ISO 14700: T Ni1

**GEEIGNET FÜR** rotary seal rings, pumps, sleeves, food industry, nuclear, screw conveyors, winches.

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**



**TYPISCHE CHEMISCHE  
ANALYSE DES  
SCHWEISSMETALLS (%)**

C	Si	Mn	Cr	Ni	Fe	W
0.35	4.5	0.5	22	80	4	1.5

**MECHANISCHE GÜTEWERTE**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				40 HRc

**RÜCKTROCKNUNG** Not required

**GAS ACC. EN ISO 14175** I1