



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 _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				40 HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 I1