



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.

PROPRIÉTÉS 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

CONVIENT POUR rotary seal rings, pumps, sleeves, food industry, nuclear, screw conveyors, winches.

AGRÉMENTS

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

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

PROPRIÉTÉS MÉCANIQUES

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

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1