CEWELD AA NiCrSiB

certilas® THE FILLER METAL SPECIALIST

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.

PROPRIÉTÉS

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

CONVIENT POUR

rotary seal rings, pumps, sleeves, grinder parts, chemical and glas industry.

AGRÉMENTS

POSITIONS DE SOUDAGE

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Ni	Fe	B
0.75	4.2	0.5	13.5	80	3	3

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				58 HRc

ETUVAGE

140°C / 24 hr

GAS ACC. EN ISO 14175

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AA NICRSIB 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663403322