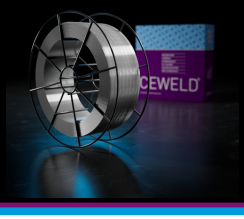

CEWELD SP 95/5 (NiAl)

certilas® THE FILLER METAL SPECIALIST

TYPE	SP 95/5 is a Nickel-Aluminum based alloy for use as a bonding layer with the thermal spray process
ANWENDUNGEN	New coatings on machine parts and shafts to increase life, rebuilding wornout parts etc. Layer thickness: approximately 0.1- 0.15 mm.
EIGENSCHAFTEN	This alloy offers the highest bonding properties available for both the Flame spray process as the Arc Spray process. The wire has a high polished and clean surface to assure the best feeding and thermal spray properties. Sprayed layers of this material are-resistant to variation in high temperatures and are used as a buffer layer for all other spraying alloys. Hardness, coating macro: approximately HRc 22. Maximum working temperature: approximately 850 °C
KLASSIFIKATION	EN ISO 14919: 6.5
GEEIGNET FÜR	Shafts, Clutches, Gliding surfaces, Valves, Bond coatings etc.
ZULASSUNGEN	
SCHWEISSPOSITIONEN	

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

Si	Mn	Ti	Fe	Al	Ni
0.2	0.2	0.2	0.1	5.2	Rem.

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				75 HB

RÜCKTROCKNUNG	Not required
GAS ACC. EN ISO 14175	None