



CEWELD SP 80/20 NiCr

TYPE

ANWENDUNGEN

EIGENSCHAFTEN

KLASSIFIKATION

GEEIGNET FÜR

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

MECHANISCHE GÜTEWERTE

RÜCKTROCKNUNG

GAS ACC. EN ISO 14175

Metal spray wires

SP 80/20 NiCr is widely used as a bond coat for subsequent thermal spray layers and as a one step build up material for dimensional restoration. Excellently suitable as a buffer layer before finishing with ceramic layers.

CEWELD SP 80/20 NiCr is a nickel-chromium electrical-resistance alloy for use at operating temperatures up to (2100 °F) 1150 °C. It contains rare-earth additions for increased oxidation resistance, especially under conditions of frequent switching or wide temperature fluctuations. The alloy has a low temperature coefficient of resistance, making it suitable for control resistors. Used for heating elements in domestic appliances and industrial equipment.

EN ISO14919: 6.4

NiCr metal spray wire for heat resistant coatings with excellent bonding strength.

PC

Si	Mn	Cr	Fe	Cu	C	Ni
0.12	0.25	20	0.2	0.1	0.02	Rem.

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded				90 HRc

Not required

None



CEWELD SP 80/20 NiCr

SP 80/20 NICR 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409959
BS-300	15	8720663409966