




CEWELD SP 80/20 NiCr

TYPE	Metal spray wires					
APPLICATIONS	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.					
PROPERTIES	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.					
CLASSIFICATION	EN ISO		14919: 6.4			
SUITABLE FOR	NiCr metal spray wire for heat resistant coatings with excellent bonding strength.					
APPROVALS	No Approvals Found					
WELDING POSITIONS						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si 0.2	Mn 1	Cr 20	Fe 0.1	Cu 0.1	Ni Rem.
ALL WELD MECHANICAL PROPERTIES	Heat Treatment As Welded /	R _{P0,2} MPa	R _m MPa	A5 (%)	Hardness Rockwell C Avg. 90	
REDRYING TEMPERATURE	Not required					
GAS ACCORDING EN 14175	None					



CEWELD SP 80/20 NiCr

SP 80/20 NICR 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663409959
BS-300	15	8720663409966