



CEWELD SP 80/20 NiAl

TYPE	Composite spray wire for bond coatings				
APPLICATIONS	SP 80/20 NiAl is widely used as a bond coat for subsequent thermal spray layers and as a one step build up material for dimensional restoration of aircraft engines.				
PROPERTIES	SP 80/20 NiAl is a cored wire specifically designed for both, arc spraying and flame spraying. It is self bonding to most materials and requires minimal surface preparation. Bond strengths in excess of 9000 psi can be achieved on grit blasted surfaces. SP 80/20 NiAl exhibits good resistance to high temperature oxidation and abrasion, and excellent resistance to impact and bending. SP 80/20 NiAl can be machined and ground to a finish of 5 micro inches.				
CLASSIFICATION	EN ISO	14919: 6.6			
SUITABLE FOR	Build up material for dimensional restoration of aircraft engines.				
APPROVALS					
WELDING POSITIONS					
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn	Fe	Al	Ni
	0.4	0.2	0.1	20	Rem.
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
	As Welded				75 HB
REDRYING	Not required				
GAS ACC. EN ISO 14175	None				



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SP 80/20 NIAL 3,15MM

Packaging	KG/unit	EanCode
K-415	5	8720663410030