



CEWELD SP 1.8401

TYPE	Copper coated solid thermal spray wire for coatings with high hardness.								
APPLICATIONS	Machine parts, storage surfaces, shafts, cylinder surfaces etc..								
PROPERTIES	Medium hard, wear resistant alloy with excelent lubricating and sliding properties with high bonding strength. Is an 1.8401 wire type specially modified for spraying.								
CLASSIFICATION	EN ISO	14919: X.mod type							
SUITABLE FOR	Flame spray, electric spray and high speed flame spray.								
APPROVALS									
WELDING POSITIONS									
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	Al
	0.35	0.3	0.6	0.01	0.01	1.7	0.95	0.2	0.9
MECHANICAL PROPERTIES	Heat Treatment		R _{p0,2} (MPa)		R _m (MPa)		A5 (%)	Hardness	
	As Welded							300 HB	
REDRYING	Not required								
GAS ACC. EN ISO 14175	M21								