



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 excellent 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)	A ₅ (%)	Hardness
As Welded				300 HB

REDRYING Not required

GAS ACC. EN ISO 14175 M21