



# 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 <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				300 HB

**REDRYING** Not required

**GAS ACC. EN ISO 14175** M21