



# CEWELD SP 10 Mn

**TYPE** Solid drawn thermal spray wire for iron based coatings with low Si and Mn content

**APPLICATIONS** Machine parts, lockers, undersized axis, scratched surfaces, shafts, cylinder surfaces etc..

**PROPERTIES** Stable spray arc with wide parameter range, CEWELD® SP 10Mn can be applied with the electric arc and flame spray process offering remarkable bonding strength and excellent lubricating properties.

**CLASSIFICATION** EN ISO 14919: 5.1  
W.Nr. 1.0351

**SUITABLE FOR** Flame spray, electric spray and high speed flame spray.

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

Si	Mn	Fe	C
0.05	0.55	Rem.	0.1

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				160 HB

**REDRYING** Not required

**GAS ACC. EN ISO 14175**