



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.
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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 _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				160 HB

REDRYING	Not required
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GAS ACC. EN ISO 14175