

CEWELD SP 1.4122

TYPE Solid thermal spray wire containing 17% Chromium

APPLICATIONS Stainless steel shafts, Valves, Clutch surfaces from trucks, Pistons, Bearings, Fan blades etc.

PROPERTIES Solid spray wire that combines high toughness with very good corrosion resistance, shiny coating with a little higher hardness than SP 1.4115. The spray deposit cannot be machined with normal cutting tools, grinding is possible. Hardness approximately 50 HRc

CLASSIFICATION EN ISO 14919: 5.16
W.Nr. 1.4122

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

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

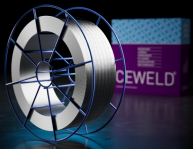
Si	Mn	Cr	Fe	C	Ni	Mo
0.9	1	16.5	Rem.	0.35	0.9	1

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded				50 HRc

REDRYING Not required

GAS ACC. EN ISO 14175



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SP 1.4122 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409898

SP 1.4122 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409904
BS-300	15	8720663409911