



CEWELD SP 312

TYPE Solid high Cr/Ni Metal spray wire


APPLICATIONS Ceweld SP 312 is a Chromium- Nickel alloy for use at operating temperatures up to 1020 °C. It contains a high chromium content for good corrosion resistance and remarkable strength properties, especially under conditions of frequent switching or wide temperature fluctuations. Used for heating elements in domestic appliances and industrial equipment. CEWELD SP 312 can be applied with the flame spray process and the electric arc process as well.

PROPRIÉTÉS Excellent corrosion resistance against many media and acid environments. Good thermal shock resistance. Is an 312 Type wire specially modified for spraying.

CLASSIFICATION EN ISO 14919: X.mod type
W.Nr. 1.4337

CONVIENT POUR All materials that are suitable for spray arc cladding

AGRÉMENTS

POSITIONS DE SOUDAGE 

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn	Cr	Mo
	0.55	2	30	0.5

PROPRIÉTÉS MÉCANIQUES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
	As Welded				210 HB

ETUVAGE Not required

GAS ACC. EN ISO 14175 None



CEWELD SP 312

SP 312 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663410122