



CEWELD SP 312

TYPE Solid high Cr/Ni Metal spray wire. (Type 29 9, 312, 1.4337)

APPLICATIONS CEWELD SP 312 is a 29/9 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.

PROPERTIES Excellent corrosion resistance against many media and acid environments. Good thermal shock resistance.

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

SUITABLE FOR All materials that are suitable for spray arc cladding

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	Cr	Mo
0.55	2	30	0.5

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				210 HB

REDRYING Not required

GAS ACC. EN ISO 14175 None



CEWELD SP 312

SP 312 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663410122